

AIR CONDITIONERS 2010

enjoy clean, quiet, and comfortable
air conditioning with LG.



Comfort Everyone in a Greener Way

Pursuing a more comfortable life in today's complicated society has become second nature. However, we cannot afford to compromise the health of the environment for our own personal comfort. In order to achieve a balance between these two needs, LG provides products and solutions for those who seek comfortable lives in a greener way; comfort and eco-friendliness are our key values.

We at LG create optimal living and working conditions by enabling our customers to control their environment: including temperature, humidity and air quality to make them more comfortable. LG products are safe to operate and easy to manage and we provide our business partners with reliable and cost-effective solutions. Customer satisfaction motivates us to work closely and productively with our partners and we also offer a comprehensive after-sales and one-stop service system.

LG is committed to protecting our environment by enhancing the energy efficiency of our products and our business operations by adhering to eco-friendly principles. LG has been significantly investing in R&D and pursuing continuous innovation to enhance product energy efficiency. LG uses eco-friendly refrigerants in its air conditioners, which help save the ozone layer and all LG's products are produced under an 'Eco-Design' system, which ensures environmentally-friendly processes from production to disposal.

LG is fully committed to making the lives of our customers more comfortable in an environmentally sustainable way and we strive to ensure our business partners benefit from partnering with us. Our commitment and innovation enable us to uphold our key values - Green and Comfort. With commitment and innovation, we comfort everyone – our business partners and customers – in a greener way.

Energy		Air-conditioner
Manufacturer	Outside unit	inside unit
More efficient		
A		
B		
C		
D		
E		
F		
G		
Less efficient		
Annual energy consumption, kWh in cooling mode		
(Actual consumption will depend on how the appliance is used and climate)		
Cooling output	kW	
Energy efficiency ratio		
Full load (the higher the better)		
Type	Cooling only	—
	Cooling + heating	—
	Air cooled	—
	Water cooled	—
Heat output		kW
heating performance		
A: higher G: lower		
Noise		
(dB(A) re 1 pW)		
Further information is contained in product brochures		
Air-conditioner Energy Label Directive 2002/31/EC		

Energy Efficiency Class of The Unit In Cooling Mode :

A	$EER > 3.20$
B	$3.20 \geq EER > 3.00$
C	$3.00 \geq EER > 2.80$
D	$2.80 \geq EER > 2.60$
E	$2.60 \geq EER > 2.40$
F	$2.40 \geq EER > 2.20$
G	$2.20 \geq EER$

Energy Efficiency Class of The Unit In Heating Mode :

A	$COP > 3.60$
B	$3.60 \geq COP > 3.40$
C	$3.40 \geq COP > 3.20$
D	$3.20 \geq COP > 2.80$
E	$2.80 \geq COP > 2.60$
F	$2.60 \geq COP > 2.40$
G	$2.40 \geq COP$

'Eco-Design, Energy Efficient, Reduce CO₂ Emissions'





Multi Split

LG Multi Split system is an advanced air conditioning system of superior quality that has the ability to operate at different temperatures and fan speeds in individual rooms. The multi split system can be made up of large indoor units for living areas and small indoor units for bedrooms, all operated from the one common outdoor unit.



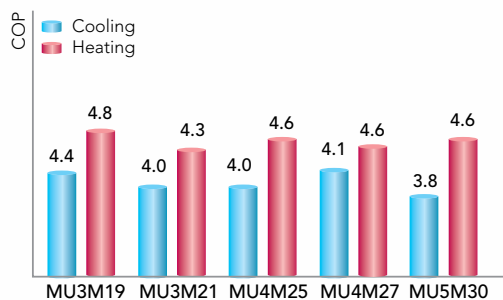
Multi Split

High Efficiency Multi

1 High COP & Energy Saving

Top Class Energy Efficiency

In 2010, LG Inv. Multi New Model has Top class Energy Efficiency Model using LG BLDC Compressor, BLDC motor, high efficiency heat exchanger.



Using LG Inverter AC is same as planting 138 big cone pines.



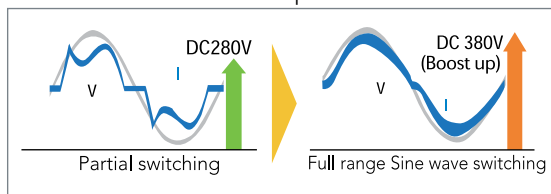
- 1) KFRI(Korea Forest Research Institute) calculated based on annual power save.
(Assumption : Using AC 4hr/day, 365days)
- 2) Energy saving 37% was compared with LG Non-inverter model

DC Inverter Technology

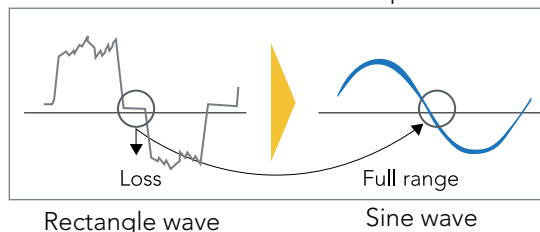
With the advancement of inverter technology comes more silent, economical and powerful air conditioning systems. The LG air conditioner is manufactured using the PFC and the sine wave technology.

Step-up Inverter by the PFC & the Sine Wave Control Technology
(PFC : Power Factor Correction)compared to conventional.

• PFC Control in Power Input



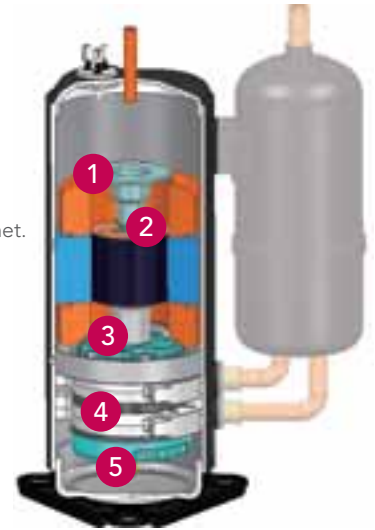
• Sine wave Control in BLDC Compressor



Powerful BLDC Compressor

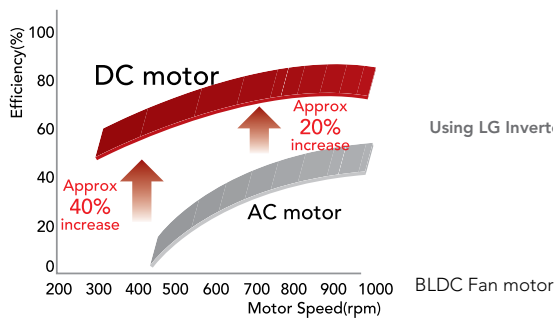
The LG inverter air conditioner comes with a BLDC compressor that uses a strong neodymium magnet. Its compressor thus has improved efficiency compared with AC inverter.

- 1 Minimized Oil circulation
- 2 High Efficiency Motor
- 3 Optimize Compression Eff.
- 4 Optimize Vibration, Noise
- 5 High Reliability



BLDC Fan Technology

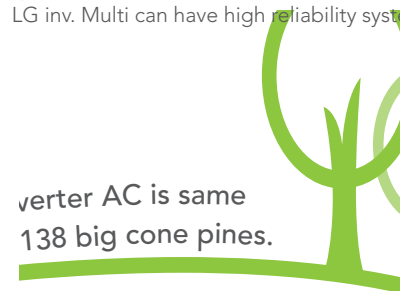
BLDC Fan motor offers additional energy saving in operating mode. Compared with AC motors, BLDC Fan motor can cut energy by 35% at full velocity.



Prevent Oil Discharge at High Hz !

For keeping Oil level in high Hz , Improved Oil circulation system So.

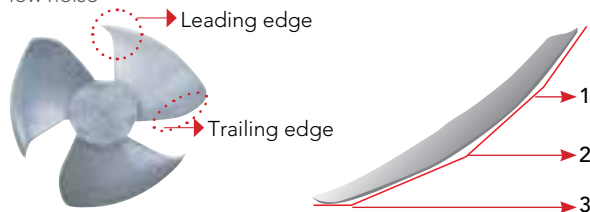
LG inv. Multi can have high reliability system



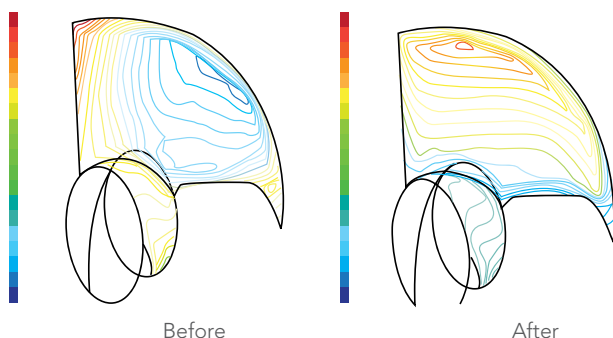
Adopt Oil Separate & Optimize Oil Path

Axial Fan

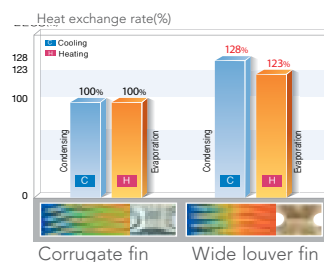
3 Step Axial fan shape can be available of high-effident & low noise



Static Pressure



Wide Louver tech



- Improved heat exchange rate by max 28%
- Anti-corrosion treatment (Gold fin)

More Heat exchanger



Height : 6% ↑
Length : 8% ↑
Energy Efficiency ↑

Multi Split

2 Comfort Application

The Variety of Various Combination



For Reference Sites



Restaurant



Office



House



Building

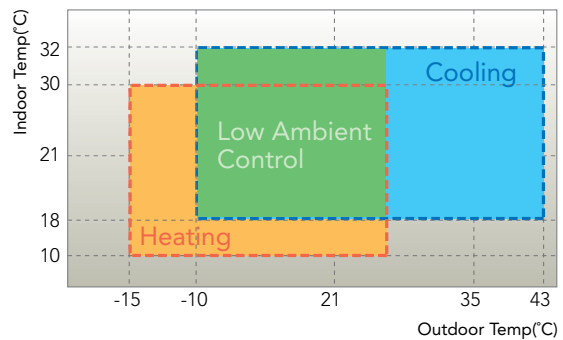
Available from 1.5kW

According to construction regulation, house wall is becoming thicker & to strengthen insulation, LG can provide right solution to small space.

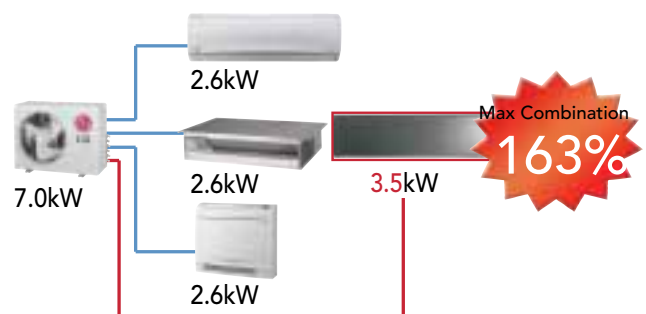
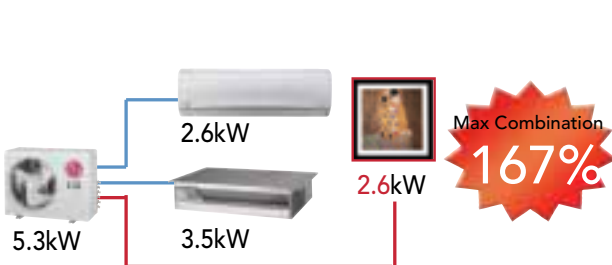
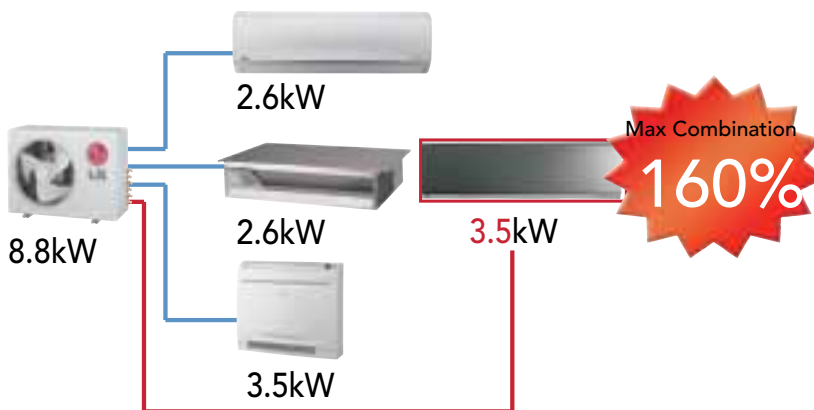


Wide Operating Range

When cooling computer rooms and other rooms in the event of low outdoor temperature, the BLDC inverter compressor and outdoor BLDC fan motor are used to adjust the air flow and volume, with a view to ensuring efficient operation by allowing the air conditioner to keep operating at -10°C without turning it off.



Indoor Capacity Combination



Multi Split

Long & High Elevation Piping

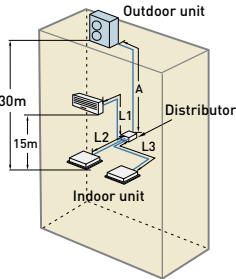
The FM56AH supports a piping length of up to 145m and high elevation of up to 30m for more flexibility in installation

*Multi Piping Type

Piping Length (m)	15/17k	19k/21k	25k/27k	30k	40k
Total	30	50	70	75	85
Max / Room	20	25	25	25	25
Allowable Elevation (Indoor-Outdoor)	15	15	15	15	15
(Indoor-Indoor)	7.5	7.5	7.5	7.5	7.5

*Distributor Box Type

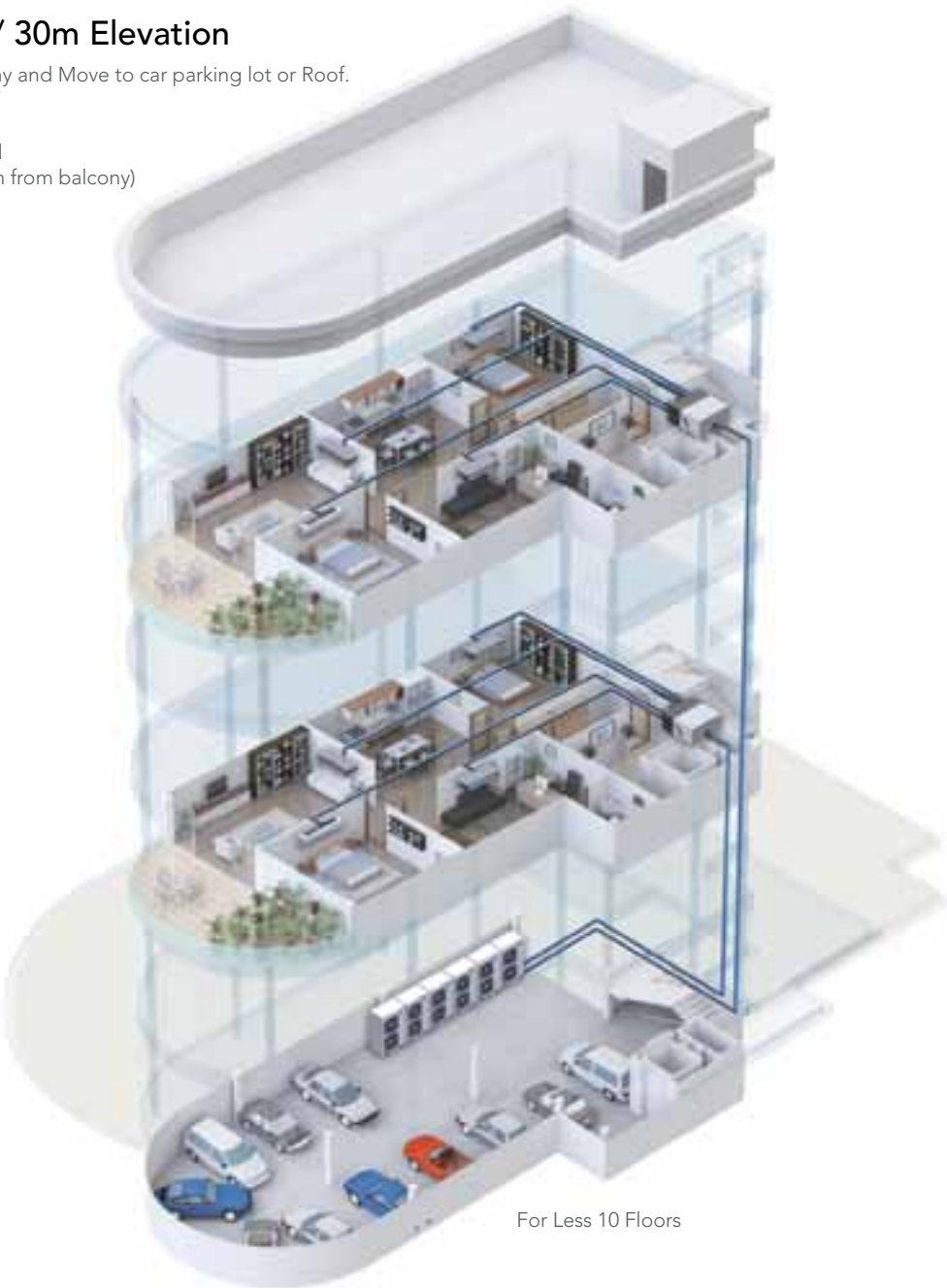
Piping Length(m)	40k	48k	56k
Total Pipe (A+L1+L2+L3)	100	135	145
Main Pipe(A)	50	55	55
Total Branch Pipe (L1+L2+L3)	50	80	90
Each Branch Pipe	15	15	15
Allowable Elevation Indoor-Outdoor (B)	30	30	30
Indoor-Indoor (C)	15	15	15



Max 145m pipe run / 30m Elevation

Remove outdoor unit From Balcony and Move to car parking lot or Roof.

- Beauty care center
- Easy to get approval from council
- Avoid safety issue (Baby fall down from balcony)

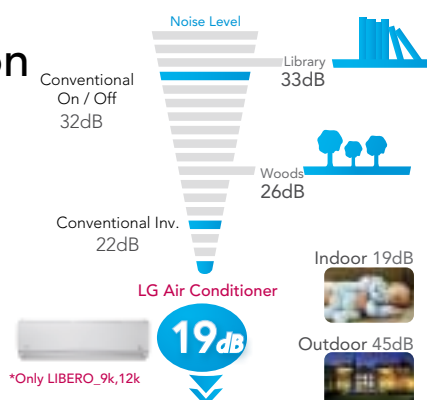


For Less 10 Floors

3 Comfort Operation & Ez installation

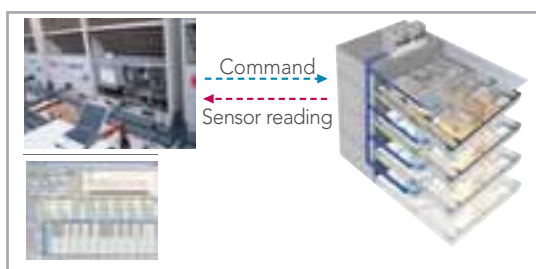
Improved Low Noise

The Inverter technology, the BLDC Motor technology, and LG's unique new Skew Fan technology have achieved the world's lowest noise level of 19dB. Thus, the Sleep mode will allow pleasant sleeping.

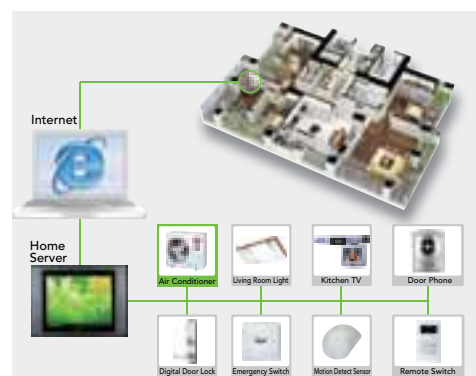


LG MV

- Easy start-up, easy trouble shooting
- Monitoring the normality of all parts such as compressor, fan, valve, etc



Available to link with home network



*LG does not supply home network. Only available to link.

Smart phone Solution for Operation monitoring & Trouble shooting

Smart phone connection

When faults have occurred, you can see the Error code during the check of indoor and outdoor units, select the Error code, and find solutions to each problem through Q&A. It is like the trouble shooting guide book embedded in the smart phone.

Operation Monitoring



- Select communication method and language
- Check the installation status
- Compressor operation status
- Check the indoor unit status
- Operational status in line with the frequency

Troubleshooting on Smart phone

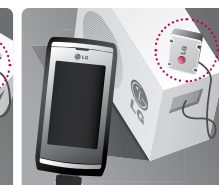


1. Select Error Code
2. Easy Process
3. Service Action

LG MV software on Smart phone



Wired



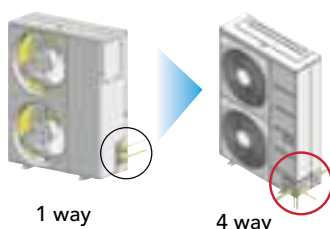
Bluetooth Module

Easy to Service

Easy & efficient installation of outdoor unit will provide the best solution for small offices and shops.

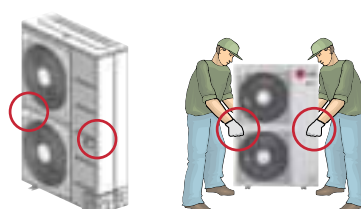
1. Inner SVC valve

- 4 Way piping is possible (Front, Rear, Right, Down)
- Excellent exterior



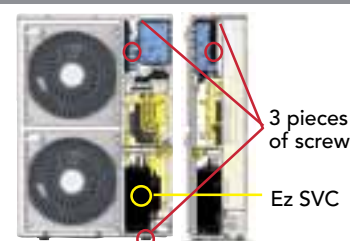
2. Convenient moving handle

- Fitted hand grips for easy transportation and installation



3. Compact Design & Ez SVC

- Remove 3 pieces of screw for SVC
- Front panel removal system



Multi Split



Wide Range

LG Multi systems provide various indoor units and outdoor units up to 16.4kW. More than 2,000 types of combinations are available using 15 outdoor units and 45 indoor units

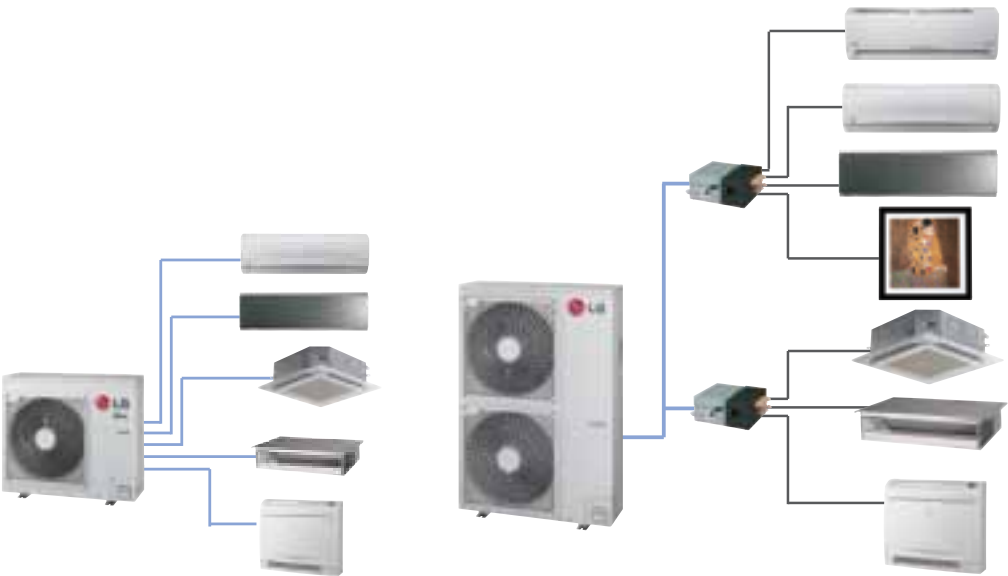
Type Category	Multi Piping		DB Box Type	
				
Model	MU3M19 UE0 MU4M25 UE0	MU5M30 U40	FM37AH UE0	FM41AH U33 FM49AH U33 FM57AH U33
Capacity KW(C/H)	5.3/6.3 7.0/8.4	8.8/10.1	9.7/11.1	13.5/14.1 15.5/16.4 16.7/17.9
Max. Indoor units	3 3 4	4 5	6	7 8 9
Phase	1ø	1ø	3ø	3ø

Free Combination with Various Indoor Types

Product Capacity Range (kBtu/kW)	Wall Mounted Type			Ceiling Cassette Type		Ceiling Conceal
	<i>LIBERO</i>	ART COOL Mirror	ART COOL Gallery	1-way	4-way	Slim Duct
5/1.5					 MT06AH NR0 ●	
7/2.1	CS07AQ NB0 ●	CC07AW* NE3 ●			MT08AH NR0 ●	
9/2.6	CS09AQ NB0 ●	CC09AW* NE3 ●	MA09AH1 NF1 ●	MT09AH NC1 ●	MT10AH NR0 ●	MB09AHL N12 ●
12/3.5	CS12AQ NB0 ●	CC12AW* NE3 ●	MA12AH1 NF1 ●	MT11AH NC1 ●	MT12AH NR0 ●	MB12AHL N12 ●
18/5.3	CS18AQ NC0 ●	CC18AW* N83 ●			MT18AH NQ0 ●	MB18AHL N22 ●
24/7.0	CS24AQ NC0 ●	CC24AW* N83 ●			MT24AH NP0 ●	MB24AHL N22 ●

ART COOL Note : * indicates color of panel

*Blue(B) *Mirror(R) *Silver(V) *Red(E) *Gold(G) *White Silver(H) *Gallery(1)



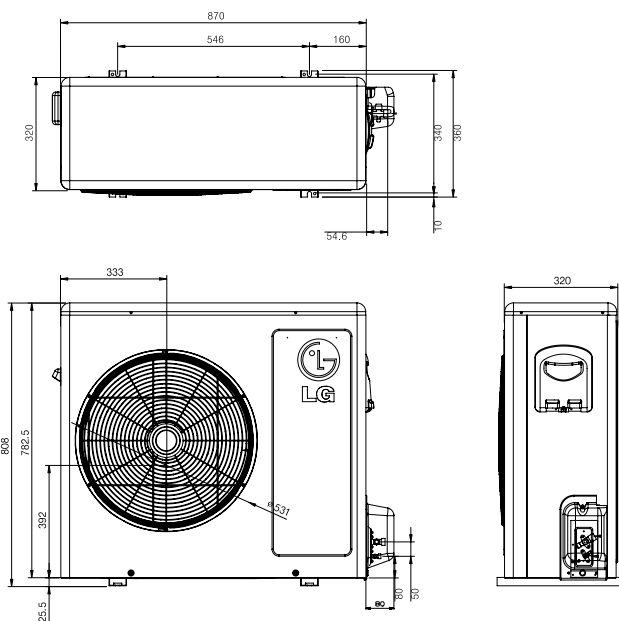
led Duct Type	Console	Ceiling & Floor Type
High		
		
	CQ09 NA0 ●	MV09AH NE0 ●
	CQ12 NA0 ●	MV12AH NE0 ●
MB18AH NH0 ●	CQ18 NA0 ●	MV18AH NB0 ●
MB24AH NH0 ●		MV24AH NB0 ●

Multi Split _MULTI

Specifications_Outdoor Units



- MU3M19 UE0
- MU4M25 UE0



(Unit:mm)

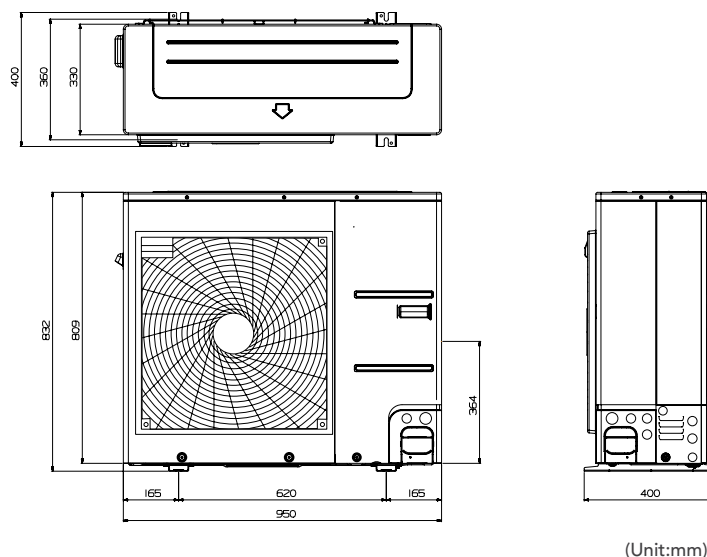
Model			MU3M19 UE0	MU4M25 UE0
Nominal Capacity* (Min~Rated~Max)	Cooling	Btu/h	4,600~18,000~21,600	6,300~24,000~29,000
		kW	1.35~5.3~6.33	1.85~7.03~8.5
	Heating	Btu/h	4,800~21,600~24,800	7,560~28,000~32,000
		kW	1.41~6.3~7.27	2.22~8.44~9.38
Nominal Input* (Min~Rated~Max)	Cooling	kW	0.38~1.20~2.37	0.72~1.75~3.09
	Heating	kW	0.45~1.31~2.48	0.88~1.83~3.10
Energy label			A/A	A/A
Testing Combination			CS07AQ NB0 × 3EA	CS07AQ NB0 × 4EA
Running Current (Min~Rated~Max)	Cooling	A	1.7~5.23~10.3	3.1~7.65~13.4
	Heating	A	2.0~5.7~10.8	3.8~8.0~13.5
Power Supply		Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50
Dimensions	W*H*D	mm(inch)	870×808×320 (34.3×31.8×12.6)	870×808×320 (34.3×31.8×12.6)
Net Weight		kg(lbs)	58(128)	61(134)
Max. Number of Connectable Indoor Units			3	4
Refrigerant	Charge (at 7.5m)	g(oz)	2100(74.1)	2300(81.13)
Air Flow Rate		CMM(CFM)	53(1872)	53(1872)
Sound Level	Sound Pressure at 1m	dB(A)+3	52	52
Piping connections	Liquid(ø)	mm(inch)	6.35(1/4)×3EA	6.35(1/4)×4EA
	Gas(ø)	mm(inch)	9.52(3/8)×3EA	9.52(3/8)×4EA
Max. Interunit	Total of Each Room	m	50	70
Piping Length	For One Room	m	25	25
Max. Elevation	Indoor Unit~Outdoor Unit	m	15	15
	Indoor Unit~Indoor Unit	m	7.5	7.5

Notes:

- Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating: - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m
- Level Difference of Zero.
- * : See page "Combination Table".
- Due to our policy of innovation some specifications may be changed without notification.
- At least two indoor units should be connected.
- Minimum combination capacity rate should be more than 40%.



• MU5M30 U40



Model			MU5M30 U40
Nominal Capacity* (Min~Rated~Max)	Cooling	Btu/h	6,300~30,000~36,000
		kW	1.85~8.80~10.55
	Heating	Btu/h	7,560~34,500~41,400
		kW	2.22~10.1~12.1
Nominal Input* (Min~Rated~Max)	Cooling	kW	0.72~2.31~3.16
	Heating	kW	0.88~2.19~3.87
Energy label			A/A
Testing Combination			CS07AQ NB0 × 5EA
Running Current (Min~Rated~Max)	Cooling	A	3.1~10.1~13.7
	Heating	A	3.8~9.6~16.8
Power Supply		Ø / V / Hz	1/220~240/50
Dimensions	W*H*D	mm(inch)	950×834×330(37.4×32.8×13.0)
Net Weight		kg(lbs)	67(147.7)
Max. Number of Connectable Indoor Units			5
Refrigerant	Charge (at 7.5m)	g(oz)	3,300(116.4)
Air Flow Rate		CMM(CFM)	60(2119)
Sound Level	Sound Pressure at 1m	dB(A)+3	53
Piping connections	Liquid(ø)	mm(inch)	6.35(1/4)×5EA
	Gas(ø)	mm(inch)	9.52(3/8)×5EA
Max. Interunit	Total of Each Room	m	75
Piping Length	For One Room	m	25
Max. Elevation	Indoor Unit~Outdoor Unit	m	15
	Indoor Unit~Indoor Unit	m	7.5

Notes:

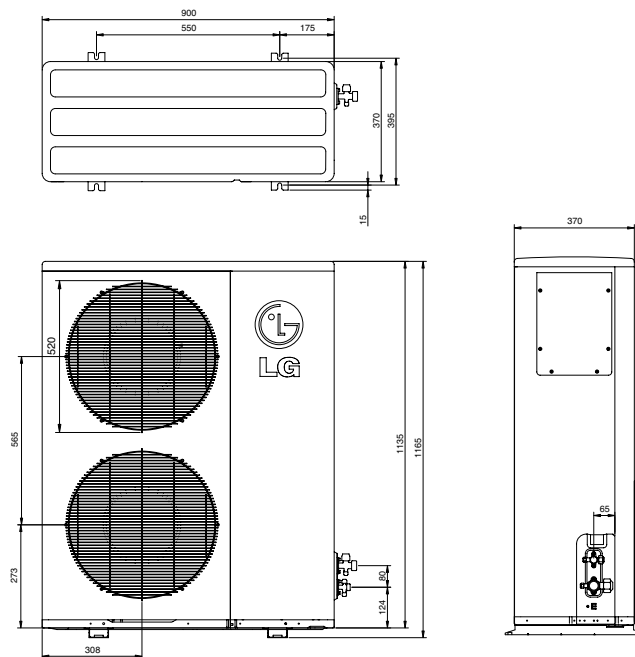
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 - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
 Heating: - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB
 - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
 Piping Length - Interconnecting Piping Length 7.5m
 - Level Difference of Zero.
- * : See page "Combination Table".
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- At least two indoor units should be connected.
- Minimum combination capacity rate should be more than 40%.

Multi Split _MULTI

Specifications_Outdoor Units



• FM40AH UH5



(Unit:mm)

Model			FM40AH UH5
Nominal Capacity* (Min~Rated~Max)	Cooling	Btu/h kW	9,600~40,000~46,000 2.8~11.7~13.5
	Heating	Btu/h kW	11,040~46,000~51,000 3.2~13.5~15.0
Nominal Input* (Min~Rated~Max)	Cooling	kW	1.1~3.63~4.65
	Heating	kW	1.4~3.65~4.84
Energy label			A/A
Testing Combination			CS09AH NB0 × 7EA
Running Current (Min~Rated~Max)	Cooling	A	6.2~16.0~20.0
	Heating	A	6.9~16.4~20.5
Power Supply		Ø / V / Hz	1/220~240/50
Dimensions	W*H*D	mm(inch)	900×1165×370(35.4×45.8×14.5)
Net Weight		kg(lbs)	95(209)
Max. Number of Connectable Indoor Units			7
Refrigerant	Charge (at 7.5m)	g(oz)	4,400(155)
Air Flow Rate		CMM(CFM)	53(1872) × 2
Sound Level	Sound Pressure at 1m	dB(A)+3	58
Piping connections	Liquid(ø)	mm(inch)	9.52(3/8)
	Gas(ø)	mm(inch)	19.05(3/4)
Max. Interunit Piping Length	Total Piping (Main+Total Branch)	m	100
	Main Piping	m	50
	Total Branch Piping	m	50
	Each Branch Piping	m	15
Max. Elevation	Indoor Unit~Outdoor Unit	m	30
	Indoor Unit~Indoor Unit	m	15

Notes:

1. Capacities are based on the following conditions:

- Cooling: - Indoor Temperature 27°C(80.6°F) DB / 19 °C(66.2°F) WB
- Outdoor Temperature 35°C(95°F) DB / 24°C(75.2°F) WB
- Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB

Piping Length - Main piping 5m, Branch piping 5m

- Level Difference of Zero.

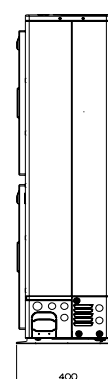
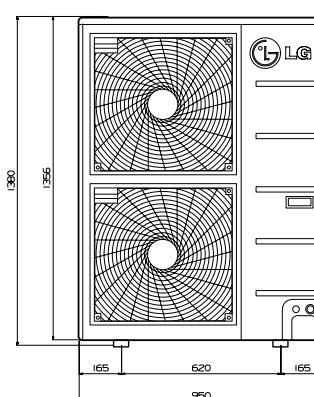
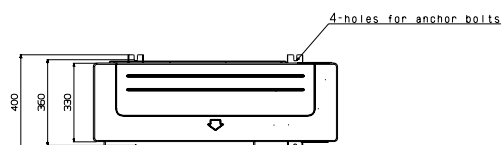
2. *: See page "Combination Table"

3. Due to our policy of innovation some specifications may be changed without notification.

4. At least two indoor units should be connected.

5. Minimum combination capacity rate should be more than 40%.

Specifications_Outdoor Units



(Unit:mm)

- FM48AH U33
- FM56AH U33

Model			FM48AH U33	FM56AH U33
Nominal Capacity* (Min~Rated~Max)	Cooling	Btu/h	11,400~52,800~58,000	13,800~57,000~63,200
		kW	3.3~15.5~17.0	4.0~16.7~18.52
	Heating	Btu/h	12,768~56,000~59,000	15,456~61,000~64,000
		kW	3.7~16.4~17.29	4.5~17.9~18.75
Nominal Input* (Min~Rated~Max)	Cooling	kW	0.84~4.69~5.35	1.0~4.96~5.65
	Heating	kW	1.30~4.43~5.58	1.25~4.62~5.70
Energy label			A/A	A/A
Testing Combination			MS07AH N40 × 5EA MS09AH N40 × 3EA	MS09AH N40×8EA
Running Current (Min~Rated~Max)	Cooling	A	3.9~21.1~23.2	4.6~21.7~24.0
	Heating	A	6.9~22.6~25.0	7.4~22.4~26.0
Power Supply		Ø / V / Hz	1/220~240/50	1/220~240/50
Dimensions	W*H*D	mm(inch)	950×1380×330 (37.4×54.3×13.0)	950×1380×330 (37.4×54.3×13.0)
Net Weight		kg(lbs)	108(238)	108(238)
Max. Number of Connectable Indoor Units			8	9
Refrigerant	Charge (at 7.5m)	g(oz)	4800(169.3)	4800(169.3)
Air Flow Rate		CMM(CFM)	60(2,119) × 2	60(2,119) × 2
Sound Level	Sound Pressure at 1m	dB(A)+3	58	59
	Liquid(ø)	mm(inch)	9.52(3/8)	9.52(3/8)
	Gas(ø)	mm(inch)	19.05(3/4)	19.05(3/4)
Max. Interunit Piping Length	Total Piping (Main+Total Branch)	m	135	145
	Main Piping	m	55	55
	Total Branch Piping	m	80	90
	Each Branch Piping	m	15	15
Max. Elevation	Indoor Unit~Outdoor Unit	m	30	30
	Indoor Unit~Indoor Unit	m	15	15

Notes:

- Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C(80.6°F) DB / 19 °C(66.2°F) WB
- Outdoor Temperature 35°C(95°F) DB / 24°C(75.2°F) WB
Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
Piping Length - Main piping 5m, Branch piping 5m
- Level Difference of Zero.

2. * : See page "Combination Table"

3. Due to our policy of innovation some specifications may be changed without notification.

4. At least two indoor units should be connected.

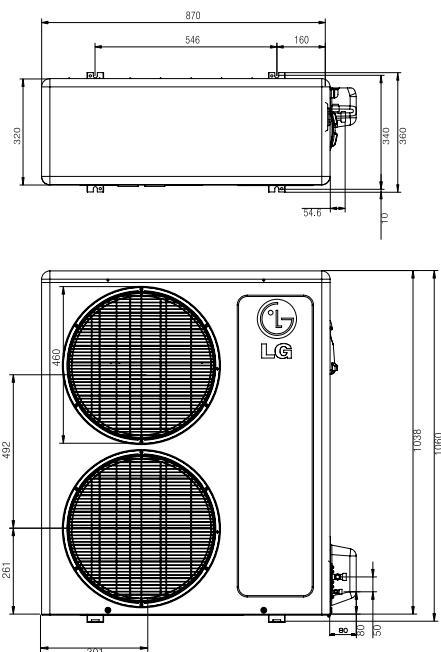
5. Minimum combination capacity rate should be more than 40%.

Multi Split _MULTI

Specifications_Outdoor Units



• FM37AH UE0



(Unit:mm)

Model			FM37AH UE0
Nominal Capacity* (Min~Rated~Max)	Cooling	Btu/h kW	21,600~33,000~37,000 6.33~9.67~10.8
	Heating	Btu/h kW	22,800~38,000~42,000 6.68~11.1~12.3
Nominal Input* (Min~Rated~Max)	Cooling	kW	1.80~3.00~3.45
	Heating	kW	1.83~3.05~3.51
Energy label			A/A
Testing Combination			MS07AH N40 × 6EA
Running Current (Min~Rated~Max)	Cooling	A	3.4-5.4-6.0
	Heating	A	3.5-5.4-6.1
Power Supply		Ø / V / Hz	3 / 380-415 / 50
Dimensions	W*H*D	mm(inch)	870×1,038×320 (34.3×40.9×12.6)
Net Weight		kg(lbs)	80(176)
Max. Number of Connectable Indoor Units			6
Refrigerant	Charge (at 7.5m)	g(oz)	2,800(98.8)
Air Flow Rate		CMM(CFM)	32(1,130) × 2
Sound Level	Sound Pressure at 1m	dB(A)+3	51/47
Piping connections	Liquid(ø)	mm(inch)	6.35(1/4)
	Gas(ø)	mm(inch)	15.88(5/8)
Max. Interunit Piping Length	Total Piping (Main+Total Branch)	m	100
	Main Piping	m	40
	Total Branch Piping	m	60
	Each Branch Piping	m	20
Max. Elevation	Indoor Unit~Outdoor Unit	m	30
	Indoor Unit~Indoor Unit	m	15

Notes:

1. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 27°C(80.6°F) DB / 19 °C(66.2°F) WB

- Outdoor Temperature 35°C(95°F) DB / 24°C(75.2°F) WB

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB

- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB

Piping Length - Main piping 5m, Branch piping 5m

- Level Difference of Zero.

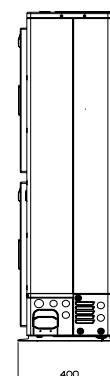
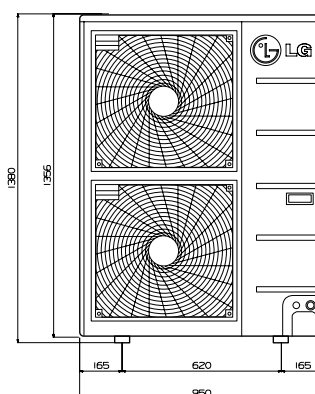
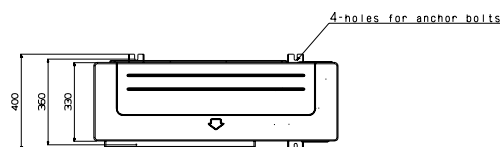
2. * : See page "Combination Table"

3. Due to our policy of innovation some specifications may be changed without notification.

4. At least two indoor units should be connected.

5. Minimum combination capacity rate should be more than 40%.

Specifications_Outdoor Units



(Unit:mm)

- FM41AH U33
- FM49AH U33
- FM57AH U33

Model			FM41AH U33	FM49AH U33	FM57AH U33
Nominal Capacity* (Min~Rated~Max)	Cooling	Btu/h	9,600~46,000~48,000	11,400~52,800~58,000	13,800~57,000~63,200
		kW	2.8~13.5~14.1	3.3~15.5~17.0	4.0~16.7~18.52
	Heating	Btu/h	10,752~48,000~52,000	12,768~56,000~59,000	15,456~61,000~64,000
		kW	3.2~14.1~15.2	3.7~16.4~17.29	4.5~17.87~18.75
Nominal Input* (Min~Rated~Max)	Cooling	kW	0.8~4.0~4.9	0.94~4.6~5.4	1.0~4.91~5.7
	Heating	kW	0.89~3.9~5.1	1.13~4.45~5.2	1.49~4.55~5.65
Energy label			A/A	A/A	A/A
Testing Combination			MS07AH N40 × 7EA	MS07AH N40 × 5EA + MS09AH N40 × 3EA	MS09AH N40×8EA
Running Current (Min~Rated~Max)	Cooling	A	1.5~7.2~8.1	1.8~8.0~8.4	2.3~8.1~9.1
	Heating	A	1.7~7.5~8.0	2.1~7.5~8.3	2.5~8.0~8.7
Power Supply		Ø / V / Hz	3/380~415/50	3/380~415/50	3/380~415/50
Dimensions	W*H*D	mm(inch)	950×1380×330 (37.4×54.3×13.0)	950×1,380×330 (37.4×54.3×13.0)	950×1,380×330 (37.4×54.3×13.0)
Net Weight		kg(lbs)	108(238.0)	108(238.0)	108(238.0)
Max. Number of Connectable Indoor Units			7	8	9
Refrigerant	Charge (at 7.5m)	g(oz)	4,800(169.3)	4,800(169.3)	4,800(169.3)
Air Flow Rate		CMM(CFM)	60(2,119) × 2	60(2,119) × 2	60(2,119) × 2
Sound Level	Sound Pressure at 1m	dB(A)+3	58	58	59
Piping connections	Liquid(ø)	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas(ø)	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Total Piping (Main+Total Branch)	m	125	135	145
	Main Piping	m	55	55	55
Max. Interunit Piping Length	Total Branch Piping	m	70	80	90
	Each Branch Piping	m	15	15	15
	Indoor Unit~Outdoor Unit	m	30	30	30
Max. Elevation	Indoor Unit~Indoor Unit	m	15	15	15

Notes:

1. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 27°C(80.6°F) DB / 19 °C(66.2°F) WB

- Outdoor Temperature 35°C(95°F) DB / 24°C(75.2°F) WB

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB

- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB

Piping Length - Main piping 5m, Branch piping 5m

- Level Difference of Zero.

2. *: See page "Combination Table"

3. Due to our policy of innovation some specifications may be changed without notification.

4. At least two indoor units should be connected.

5. Minimum combination capacity rate should be more than 40%.

Multi Split _ Wall Mounted Type

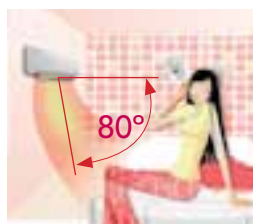
Comfort Operation

Optimised Airflow

For cooling, the vane is adjusted upwards to let the cold air travel up and air condition a wider area. As for heating, the vane sends the heated air downwards to heat the space from the floor for a pleasant and balanced room temperature. *Only LIBERO



Cooling Mode



Heating Mode

Horizontal Vane Step Control



Stepping control



Left Only



Right Only

Vertical Louver Step Control (Optional)



Air Purifying System

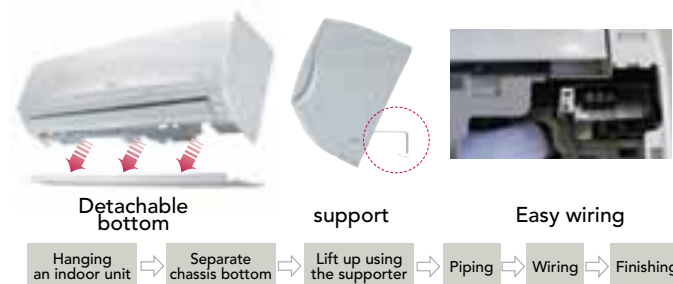
LG's unique Air Purifying system is equipped with 7 specialized filters in 5 separate stages to enhance its cleaning power. It reduces fine dust and mould, unpleasant odors and cigarette smoke as air passes each filter.

- Pre Filter
- Plasma Filter
- Nano Carbon Filter
- Triple Filter
- Allergy Free Filter
- Nano Bio Fusion Filter



Easy Installation

Quick & Easy installation



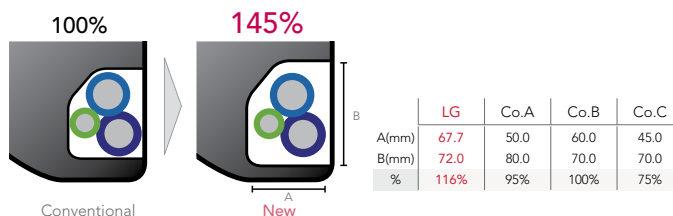
Installation support clip

Installation support clip makes installation easier



Bigger tubing space

Wider installation space can make you installation much easier.



Ez-Remote Controller

Easy Use



User Friendly Design



Various Indoor Units

Capacity (kW)		2.1	2.6	3.5	5.3	7
Wall Mounted LIBERO		CS07AQ NB0	CS09AQ NB0	CS12AQ NB0	CS18AQ NC0	CS24AQ NC0
ART COOL Mirror		CC07AW* NE3	CC09AW* NE3	CC12AW* NE3	CC18AW* N83	CC24AW* N83
ART COOL Gallery			MA09AH1 NF1	MA12AH1 NF1		

Specifications

Model			CS07AQ NB0	CS09AQ NB0	CS12AQ NB0	CS18AQ NC0	CS24AQ NC0
Cooling capacity		Btu/h	7,000	9,000	12,000	18,000	23,000
		kW	2.05	2.64	3.52	5.28	6.74
Heating capacity		Btu/h	8,000	10,000	13,200	19,800	25,500
		kW	2.34	2.93	3.87	5.8	7.47
Current Nominal running current		A	0.1	0.15	0.15	0.28	0.28
Air flow rate (H/M/L)		cmm	5.6/5.0/4.6	7.0/6.5/6.0	9.5/9.0/8.5	16.2/14.2/12.3	20.4/17.0/13.2
		cfm	198/177/163	247/230/212	336/318/300	572/502/434	720/600/466
Dimensions (WxHxD)	Body	mm(inch)	885×285×210(34.8×11.2×8.3)	885×285×210(34.8×11.2×8.3)	885×285×210(34.8×11.2×8.3)	1030×325×250(40.6×12.8×9.8)	1030×325×250(40.6×12.8×9.8)
Weight	Body	kg(lbs)	11(24.5)	11(24.5)	11(24.5)	17(37.5)	17(37.5)
Sound level (H/M/L)		dB(A)±3	31/28/25	33 / 30 / 27	39 / 36 / 31	37/33/28	42/39/36
Piping connections	Liquid	mm(inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)
Dehumidification rate		l/h	0.9	1.1	1.2	1.9	2.6

Model			CC07AW* NE3	CC09AW* NE3	CC12AW* NE3	CC18AW* N83	CC24AW* N83
Cooling capacity		Btu/h	7,000	9,000	12,000	18,000	23,000
		kW	2.05	2.64	3.52	5.28	6.74
Heating capacity		Btu/h	8,000	10,000	13,200	19,800	25,500
		kW	2.34	2.93	3.87	5.8	7.47
Running current		A	0.1	0.15	0.15	0.28	0.28
Air flow rate (H/M/L)		cmm	8.0/7.0/5.0	10/8.0/6.0	10/8.0/6.0	12.6/11.5/10	15/14/13
		cfm	282/247/177	353/283/212	353/283/212	445/406/353	530/494/459
Dimensions (WxHxD)	Body	mm(inch)	915×282×165 (36.0×11.1×6.5)	915×282×165 (36.0×11.1×6.5)	915×282×165 (36.0×11.1×6.5)	1107×299×200(43.6×11.8×7.9)	1107×299×200(43.6×11.8×7.9)
Weight	Body	kg(lbs)	8.1(17.9)	9.5(20.9)	9.5(20.9)	14.1(31.09)	14.1(31.09)
Sound level (H/M/L)		dB(A)±3	34/29/26	35/30/27	35/30/27	39/37/35	43/41/38
Piping connections	Liquid	mm(inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)
Dehumidification rate		l/h	1.0	1.2	1.5	2.0	2.5

Model			MA09AH1 NF1	MA12AH1 NF1
Cooling capacity		Btu/h	9,000	12,000
		kW	2.64	3.52
Heating capacity		Btu/h	10,000	13,200
		kW	2.93	3.87
Running current		A	0.08	0.08
Air flow rate (H/M/L)		cmm	7.7/5.9/4.4	8.9/7.3/5.6
		cfm	272/208/155	314/258/198
Dimensions (WxHxD)	Body	mm(inch)	600×600×146(23.6×23.6×5.7)	600×600×146(23.6×23.6×5.7)
Weight	Body	kg(lbs)	15(33.1)	15(33.1)
Sound level (H/M/L)		dB(A)±3	38 / 32 / 27	44 / 38 / 32
Piping connections	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)
Dehumidification rate		l/h	1.2	1.4

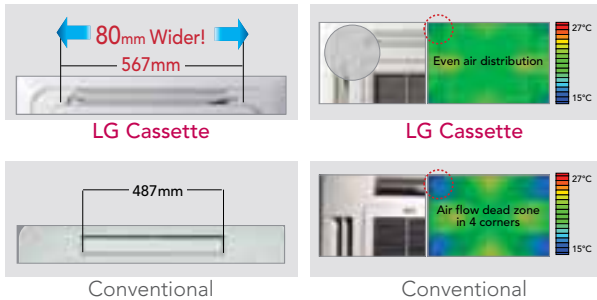
Note : Due to our policy of innovation some specifications may be changed without notification.

Multi Split _ Ceiling Cassette Type

Comfort Operation

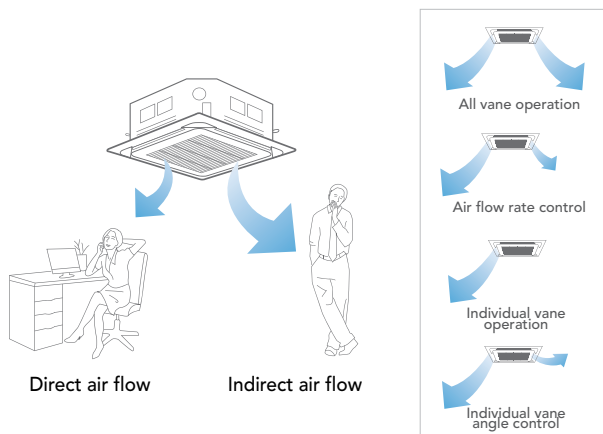
Wide jet Air Flow

Improved wide vanes reduce dead bands and provide better air and temperature distribution.



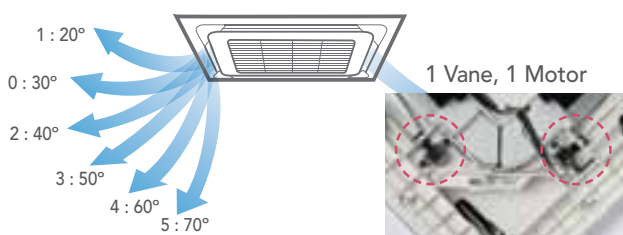
Independent Vane Operation

Vane angle control satisfies both users who like direct wind or indirect wind and also reduces cold air draft.



Automatic Vane angle Control

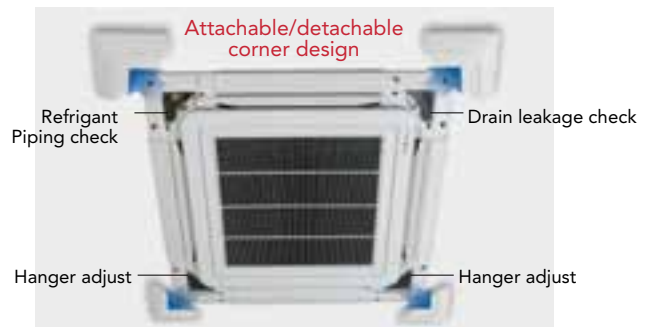
One motor per vane is adopted to control each of four vane independently, freely controlling air current according to situations.



Easy Installation

Detachable Corner Panels

The attachable/detachable corner design makes it easy to adjust the hanger during installation and to check leakage in the drain connection pipe.



One Touch Panel

The simple push-up panel design easily connect the panel with the body, enabling the installer to use his two hands freely.

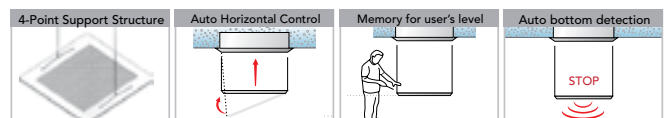
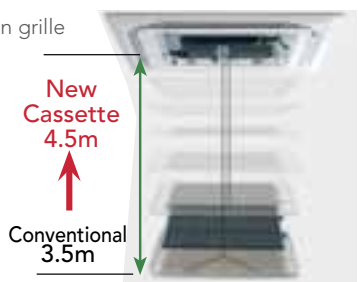


Auto Elevation Grille (Accessory : PTEGM0)

Easy filter cleaning with elevation grille

- Installed inside main body
- Auto horizontal level
- 4 points support
- Memory for user's level
- Max. 4.5m length

* Pls refer to the PDB for available model



Various Indoor Units

Capacity (kW)	1.5	2.1	2.6	3.5	5.3	7
1-Way Cassette Type 			MT09AH NC1	MT11AH NC1		
4-Way Cassette Type 	MT06AH NR0	MT08AH NR0	MT10AH NR0	MT12AH NR0	MT18AH NQ0	MT24AH NP0

Specifications

		Ceiling Cassette - 1 way	
Model	Panel	MT09AH NC1	MT11AH NC1
		PT-HCC	PT-HCC
Cooling Capacity	Btu/h	9,000	12,000
	kW	2.64	3.52
Heating Capacity	Btu/h	10,000	13,200
	kW	2.93	3.87
Running current	A	0.56	0.56
Air flow rate (H/M/L)	cmh	8.5/7.5/6.5	9.5/8/7
	cfm	300/265/230	336/283/247
Dimensions (W*H*D)	Body mm(inch)	860×180×390 (33.8×7.1×15.3)	860×180×390 (33.8×7.1×15.3)
	Decorative Panel mm	1050×30×480 (41.3×1.2×18.9)	1050×30×480 (41.3×1.2×18.9)
Weight	Body kg(lbs)	22(48.5)	22(48.5)
	Decorative Pane kg(lbs)	4(8.8)	4(8.8)
Sound level (H/M/L)	dB(A)±3	35 / 32 / 28	37 / 33 / 29
Piping Connections	Liquid inch(mm)	6.35 (1/4)	6.35 (1/4)
	Gas inch(mm)	9.52 (3/8)	9.52 (3/8)
Dehumidification rate	1/h	1.1	1.3

Note : Due to our policy of innovation some specifications may be changed without notification.

		Ceiling Cassette - 4way		
Model	Panel	MT06AH NR0	MT08AH NR0	MT10AH NR0
		PT-UQC	PT-UQC	PT-UQC
Cooling Capacity	Btu/h	5,000	7,000	9,000
	kW	1.46	2.05	2.64
Heating Capacity	Btu/h	5,500	8,000	10,000
	kW	1.6	2.34	2.93
Current Nominal running current	A	0.35	0.35	0.35
Air flow rate (H/M/L)	cmh	7.5/6/5	7.5/6/5	8.5/7.5/6.5
	cfm	265/211/176	265/211/176	300/265/230
Dimensions (W*H*D)	Body mm(inch)	570×214×570(22.4×8.4×22.4)	570×214×570(22.4×8.4×22.4)	570×214×570(22.4×8.4×22.4)
	Decorative Panel mm	700×30×700(27.5×1.2×27.5)	700×30×700(27.5×1.2×27.5)	700×30×700(27.5×1.2×27.5)
Weight	Body kg(lbs)	14(30.9)	14(30.9)	14(30.9)
	Decorative Pane kg(lbs)	3(6.6)	3(6.6)	3(6.6)
Sound level (H/M/L)	dB(A)±3	31/27/24	31/27/24	32/29/25
Piping Connections	Liquid inch(mm)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas inch(mm)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Dehumidification rate	1/h	0.8	1.0	1.1

Note : Due to our policy of innovation some specifications may be changed without notification.

		Ceiling Cassette - 4way		
Model	Panel	MT12AH NR0	MT18AH NQ0	MT24AH NP0
		PT-UQC	PT-UQC	PT-UMC
Cooling Capacity	Btu/h	12,000	18,000	24,000
	kW	3.52	5.28	7.03
Heating Capacity	Btu/h	13,200	19,800	26,400
	kW	3.87	5.8	7.74
Current Nominal running current	A	0.35	0.43	0.6
Air flow rate (H/M/L)	cmh	9.5/8/6.5	13/12/10	17/15/13
	cfm	336/283/230	459/423/353	600/530/459
Dimensions (W*H*D)	Body mm(inch)	570×214×570(22.4×8.4×22.4)	570×256×570(22.4×10.0×22.4)	840×204×840(33.1×8.0×33.1)
	Decorative Panel mm	700×30×700(27.5×1.2×27.5)	700×30×700(27.5×1.2×27.5)	950×25×950(37.4×1.0×37.4)
Weight	Body kg(lbs)	14(30.9)	15(33.1)	21(46.3)
	Decorative Pane kg(lbs)	3(6.6)	3(6.6)	5(11.0)
Sound level (H/M/L)	dB(A)±3	35/31/27	40/37/34	39/37/34
Piping Connections	Liquid inch(mm)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas inch(mm)	9.52 (3/8)	12.7(1/2)	12.7(1/2)
Dehumidification rate	1/h	1.2	2.4	3.0

Note : Due to our policy of innovation some specifications may be changed without notification.

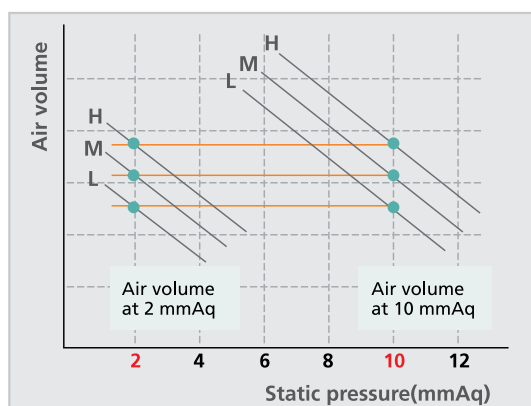
Multi Split_Ceiling Concealed Duct Type

Linear E.S.P. Control

Air volume and sound kept as design regardless of E.S.P change using this technology , you can

- Optimize duct work Installation
- Keep capacity & sound level as desired
- Simplify model numbers

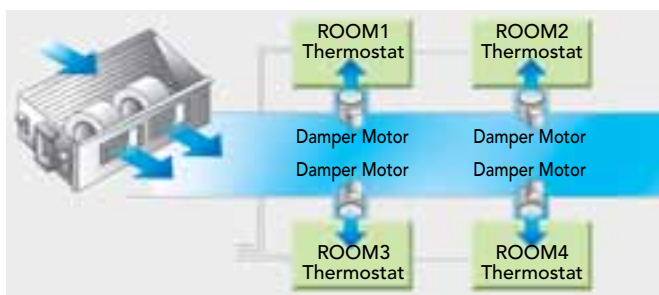
The phase control motor technology gives benefit of saving money to Installer.



*E.S.P is easily controlled by remote controller

Zone Controller

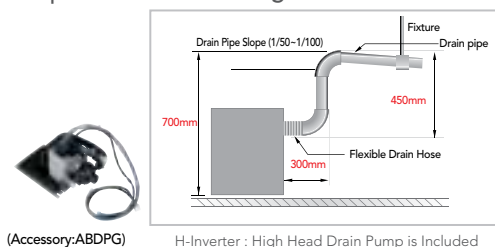
This feature can be used to control the operation of the Air Conditioning Unit where each zone (maximum of 4 zones) has a separate thermostat and damper motor, your Air Conditioning Specialist can advise you if you require a VAV (Variable Air Volume) Installation in your home / office, as well as providing a quotation for Installation (including the supply of thermostats and damper motors).



*Notes: MB18AH, MB24AH, MB30AH, MB36AH

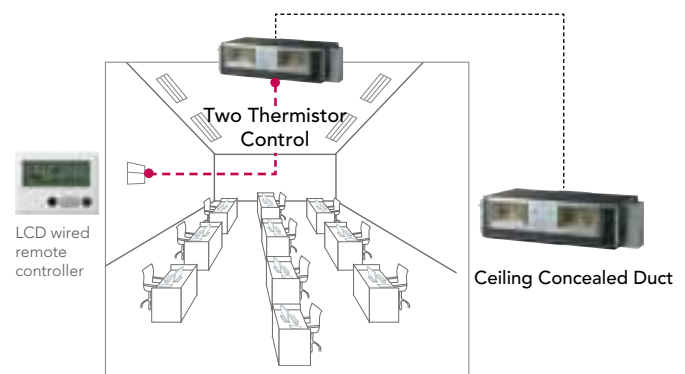
High Head Drain Pump

Auxiliary Drain Pump automatically drains water. A standard drain-head height of up to 700mm is possible, creating the ideal solution for perfect water drainage.



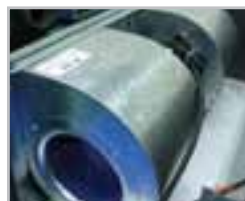
Two Thermistor Control

There may be a significant difference between the temperature taken at the installed product and indoor temperature. Two thermistor control provides option to control temperature by referring any of the two temperature. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.



Quiet Operation & Easy Service

A lightweight plastic blower and housing makes air conditioning operation quiet and backup servicing more convenient. The new fan housing can be easily dismantled for convenient servicing and maintenance. The fan motor can be removed without the need to remove the complete fan direct assembly.



Conventional



LG Fan and Housing

Various Indoor Units

Capacity (kW)		2.6	3.5	5.3	7.0
Slim Duct		MB09AHL N12	MB12AHL N12	MB18AHL N22	MB24AHL N22
High Static Duct				MB18AH NH0	MB24AH NH0

Specifications

			Ceiling Concealed Duct - Slim Duct			
Model			MB09AHL N12	MB12AHL N12	MB18AHL N22	MB24AHL N22
Cooling capacity	Btu/h		9,000	12,000	18,000	24,000
	kW		2.64	3.52	5.27	7.03
Heating capacity	Btu/h		10,000	13,200	19,800	26,400
	kW		2.93	3.87	5.8	7.44
Current Nominal running current	A		1.02	1.02	1.6	1.6
Air flow rate (H/M/L)	cmm		8.5/7.5/6.5	9.5/8.5/7.5	15/13.5/11.5	17/15/13.5
	cfm		300/265/230	336/300/265	530/477/406	600/530/477
Dimensions (WxHxD)	Body	mm(inch)	820×190×575(32.3×7.5×22.6)	820×190×575(32.3×7.5×22.6)	1,100×190×575(43.3×7.5×22.6)	1,100×190×575(43.3×7.5×22.6)
Weight	Body	kg(lbs)	20.5(45.2)	20.5(45.2)	26.5(58.4)	27(59.5)
Sound level (H/M/L)		dB(A)+3	31/26/25	33/31/26	34/31/29	36/34/32
Piping	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Connections	Gas	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)
Dehumidification rate		l/h	1.0	1.2	2.0	2.5

			Ceiling Concealed Duct - High Static Duct	
Model			MB18AH NH0	MB24AH NH0
Cooling capacity	Btu/h		18,000	24,000
	kW		5.28	7.03
Heating capacity	Btu/h		19,800	26,400
	kW		5.8	7.74
Current Nominal running current	A		0.75	0.75
Air flow rate (H/M/L)	cmm		16.5/14.5/13	18/16.5/14
	cfm		583/512/459	636/583/494
Dimensions (WxHxD)	Body	mm(inch)	880×260×450(34.6×10.2×17.7)	880×260×450(34.6×10.2×17.7)
Weight	Body	kg(lbs)	35(77.2)	35(77.2)
Sound level (H/M/L)		dB(A)+3	36 / 34 / 32	38/36/34
Piping	Liquid	mm(inch)	6.35 (1/4)	6.35 (1/4)
Connections	Gas	mm(inch)	12.7(1/2)	12.7(1/2)
Dehumidification rate		l/h	2.0	2.5

Note : Due to our policy of innovation some specifications may be changed without notification.

Multi Split _ Ceiling & Floor Type

Flexible Installation

The Perfect Choice to Free up maximum Wall or Floor Space

•Two-way installation

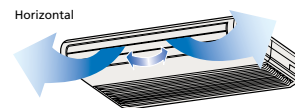
The rounded design of the floor/ceiling-suspended dual type unit allows either ceiling or floor-level installation. Ceiling installation frees up wall and floor space, while floor-level installation helps prevent the loss of warm air.



Airflow Direction Control

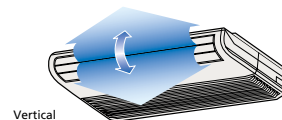
Horizontal Airflow Direction Control.

Adjust the horizontal airflow direction by manually moving the horizontal airflow direction louver by hand.



Vertical Airflow Direction Control

The airflow direction can be adjusted as desired by using the remote controller.



Various Indoor Units

Capacity (kW)	2.6	3.5	5.3	7.0
	MV09AH NEO	MV12AH NEO	MV18AH NBO	MV24AH NBO

Specifications

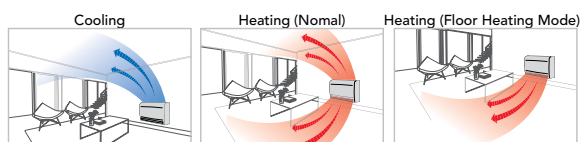
			Ceiling & Floor			
Model			MV09AH NEO	MV12AH NEO	MV18AH NBO	MV24AH NBO
Cooling Capacity	Btu/h		9,000	12,000	18,000	24,000
	kW		2.64	3.52	5.27	7.03
Heating Capacity	Btu/h		10,000	13,200	19,800	25,200
	kW		2.93	3.87	5.8	7.38
Current Nominal running current	A		0.56	0.56	0.67	0.67
Air flow rate (H/M/L)	cmm		7.8/6.4/5.0	10.0/8.3/6.5	13.5/12/11	15/13.5/12
	cfm		276/226/177	353/293/230	477/424/388	530/477/424
Dimensions (W*H*D)	Body	mm(inch)	900×200×490(35.4×7.9×19.3)	900×200×490(35.4×7.9×19.3)	1,200×205×615(47.2×8.1×24.2)	1,200×205×615(47.2×8.1×24.2)
Weight	Body	kg(lbs)	12(26.5)	12(26.5)	30(66.1)	30(66.1)
Sound level (H/M/L)		dB(A)±3	36/32/28	40/36/31	43 / 40 / 37	45 / 42 / 39
Piping Connections	Liquid	mm(inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)
Dehumidification rate		l/h	1.0	1.2	2.0	3.0

Note : Due to our policy of innovation some specifications may be changed without notification.

Comfort Air Flow

•Different air flow of cooling & heating

For cooling, the vane is adjusted upwards to let the cold air travel up. As for heating, the vane sends the heated air downwards to balance room temperature specially for floor.



•Quick floor heating

Console air conditioners can operate faster to provide more powerful performance. The results is to attain the desired temperature much faster in floor heating mode than conventional air conditioners.

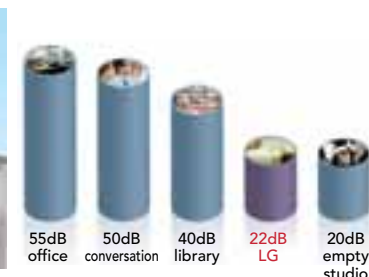
	Company A	Company B	Electric Heater	LG	LG Floor Heating Mode
Vertical					
Horizontal					
Lead Time for Heating (13°C 21°C)	12 minutes 30 seconds	9 minutes 40 seconds	50 minutes	9 minutes 30 seconds	8 minutes 40 seconds

(Test Condition : Target Temp 23°C, Indoor Room:13°C-, Outdoor Room:7°C)

• EZ vane tap control



•Quiet operation (22dB)



Healthy Air (3 stage air filter system)

1st Advanced pre filter :

The antibacterial pre-filter primarily reduces large dust, mould and quilt dust.



2nd Allergy Filter :

Filter consists of enzyme that breaks down allergen, apatite, and organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.



3rd Nano Plasma Ion Generator :

The sterilized ion generating system, Ion Generator, emits around 1.2 million ions, and catches hazardous substances floating in the air, therefore proactively looking for and catching germs.



Various Indoor Units

Capacity (kW)	2.6	3.5	5.3
	CQ09 NA0	CQ12 NA0	CQ18 NA0

Specifications

			Console		
Model			CQ09 NA0	CQ12 NA0	CQ18 NA0
Cooling Capacity	Btu/h		9,000	12,000	18,000
	kW		2.64	3.52	5.27
Heating Capacity	Btu/h		10,000	13,200	19,800
	kW		2.93	3.87	5.8
Running current	A		0.56	0.56	0.67
Air flow rate (H/M/L/Sleep)	cmm		8.1/6.5/5.2	8.1/6.5/5.2	10.1/8.6/7.2
	cfm		283/230/177	283/230/177	371/300/365
Dimensions (W*H*D)	Body	mm(inch)	700×600×210(27.5×23.6×8.3)	700×600×210(27.5×23.6×8.3)	700×600×210(27.5×23.6×8.3)
Weight	Body	kg(lbs)	13.8(30.4)	13.8(30.4)	13.8(30.4)
Sound level (H/M/L/Sleep)		dB(A)±3	38/32/27	39/32/27	44/39/35
Piping Connections	Liquid	mm(inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)
Dehumidification rate		l/h	1.0	1.2	2.0

Note : Due to our policy of innovation some specifications may be changed without notification.

Accessory_MULTI

Distributor Box

PMBD3620, PMBD3630, PMBD3640, PMBD7220, PMBD7230

Easy Installation with Various Distributor Box

For	2 Indoors	3 Indoors	4 Indoors
Distributor	 PMBD3620 PMBD7220	 PMBD3630 PMBD7230	 PMBD3640
Various distributors can make much easier installation for any sites			

Features

- Distribution of refrigerant to various indoor units.
- 3 models (2, 3, 4 indoor units)
- Consists of EEV inside it
- Controlling PCB inside the unit
- Internally insulated (prevents any chances of drainage)
- Flare joints for easy and clean installation
- Compact design (low height)
- Flexible installation



No brazing



Just flaring

Specifications_Distributors

Model			PMBD3620	PMBD3630	PMBD3640	PMBD7220	PMBD7230
Connectable Indoor Units	Number of Indoor Units		1~2	1~3	1~4	1~2	1~3
	Capacity	Btu/h	7k/9k/12k/18k/24k	7k/9k/12k/18k/24k	7k/9k/12k/18k/24k	18k/24k/30k/36k	18k/24k/30k/36k
Power Source		øV/Hz	1, 50, 220~240	1, 50, 220~240	1, 50, 220~240	1, 50, 220~240	1, 50, 220~240
Power Consumption		W	10	10	10	10	10
Runing Current		A	0.05	0.05	0.05	0.05	0.05
Dimensions	W*H*D	mm(inch)	302×143×252(11.9×5.6×9.9)	302×143×252(11.9×5.6×9.9)	302×143×252(11.9×5.6×9.9)	302×143×252(11.9×5.6×9.9)	302×143×252(11.9×5.6×9.9)
Net Weight		kg/lb	4.8/10.6	4.9/10.8	5/11	5/11	5/11
Piping Connection (To Outdoor Unit)	Liquid(ø)	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas(ø)	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
Piping Connection (To Indoor Unit)	Liquid(ø)	mm(inch)	6.35(1/4)×2EA	6.35(1/4)×3EA	6.35(1/4)×4EA	6.35(1/4)×2EA	6.35(1/4)×3EA
	Gas(ø)	mm(inch)	9.52(3/8)×2EA	9.52(3/8)×3EA	9.52(3/8)×4EA	12.7×2EA	12.7×3EA
Accessories	Hanger (Bracket)	EA	4	4	4	4	4
	Screw	EA	8	8	8	8	8
	Manual	EA	1	1	1	1	1

Note :

1. The piping connection must be suit the piping sizes of the indoor unit which will be connected. (If need, use the connector which is included in the indoor unit)
2. The BD should be installed inside the building.

Note : Due to our policy of innovation some specifications may be changed without notification.

Y Branch and Branch Kit

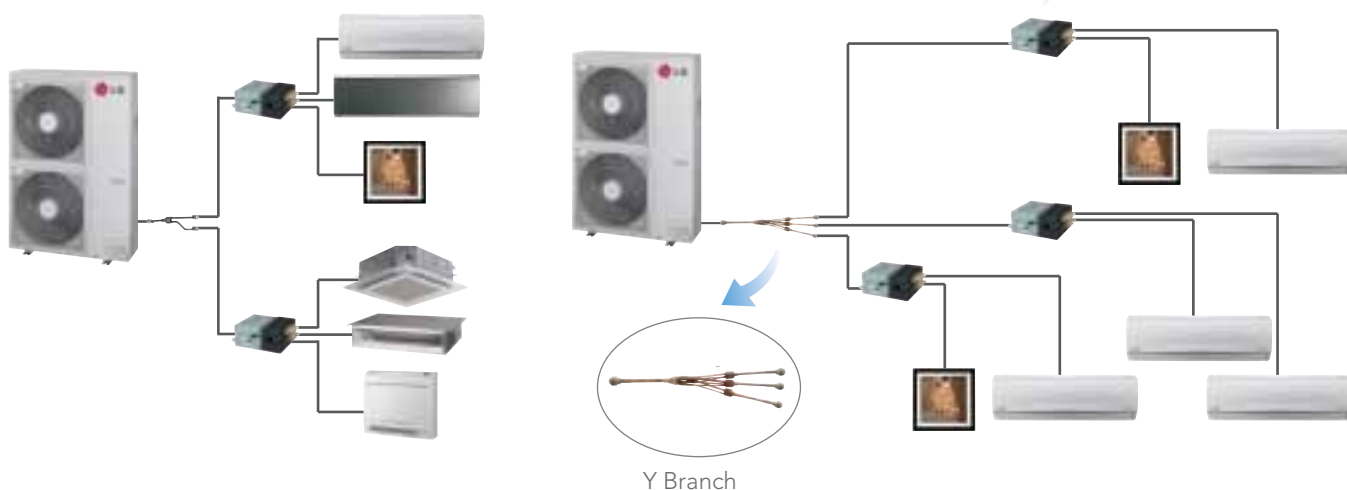
PMBL3620 / PMBL5620 (2units) / PMBL1203F0 (3units)



Features

- Y Branch and Branch kit make Multi Fdx installation much easier.
- Y-Branch and Branch kit for both gas and liquid are provided.
- Insulation material is also provided for covering the branches.

Application



Accessory model name

(Unit : mm)

Model Name	No. of BD units	Applicable Model	Specification	
			Gas	Liquid
PMBL3620	2 units	Only 3ø, 36k Btu/h		
PMBL5620	2 units	1ø, 3ø		
PMBL1203F0	3 units	1ø, 3ø		

Combination Table MULTI

MU3M19 UE0

Operation	Combination				Cooling											
					Each Capacity			Total Capacity						Input(W)		
								Min		Rating		Max				
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	UNIT-C(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5			5	5000	-	-	4,600	1.3	5,000	1.5	6,000	1.8	480	480	960
	7			7	7000	-	-	4,600	1.2	7,000	2.1	8,400	2.5	480	560	1160
	9			9	9000	-	-	5,400	1.6	9,000	2.6	10,800	3.2	541	760	1580
	12			12	12000	-	-	7,200	2.1	12,000	3.5	14,400	4.2	690	1150	1980
	18			18	18000			10,800	3.2	18,000	5.3	21,600	6.3	924	1330	2370
2 Unit	5	5		10	5000	5000	-	6,000	1.8	10,000	2.9	12,000	3.5	811	811	1690
	5	7		12	5000	7000	-	7,200	2.1	12,000	3.5	14,400	4.2	811	910	1830
	5	9		14	5000	9000	-	8,400	2.5	14,000	4.1	16,800	4.9	811	1020	2170
	5	12		17	5000	12000	-	10,200	3.0	17,000	5.0	20,400	6.0	811	1230	2250
	5	18		23	3913	14087	-	10,800	3.2	18,000	5.3	21,600	6.3	811	1250	2370
	7	7		14	7000	7000	-	8,400	2.5	14,000	4.1	16,800	4.9	811	1020	2090
	7	9		16	7000	9000	-	9,600	2.8	16,000	4.7	19,200	5.6	906	1170	2210
	9	9		18	9000	9000	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	7	12		19	6632	11368	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	9	12		21	7714	10286	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	12	12		24	9000	9000	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	7	18		25	9000	9000	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	9	18		27	9000	9000	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	12	18		30	9000	9000	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2290
3 Unit	5	5	5	15	5000	5000	5000	9,000	2.6	15,000	4.4	18,000	5.3	947	1050	2350
	5	5	7	17	5000	5000	7000	10,200	3.0	17,000	5.0	20,400	6.0	947	1140	2320
	5	5	9	19	4737	4737	8526	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	5	12	22	4091	4091	9818	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	7	7	19	4737	6632	6632	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	7	9	21	4286	6000	7714	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	7	12	24	3750	5250	9000	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	9	9	23	3913	7043	7043	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	9	12	26	3462	6231	8308	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	12	12	29	3103	7448	7448	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	7	7	21	6000	6000	6000	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	7	7	21	6000	6000	6000	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	7	9	23	5478	5478	7043	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	9	9	25	5040	6480	6480	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	7	12	26	4846	4846	8308	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	9	9	9	27	6000	6000	6000	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	9	12	28	4500	5786	7714	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	9	9	12	30	5400	5400	7200	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350

Note :

- Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
- Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
- The total ability of connected a indoor unit is up to 30kBtu/h
- At least two indoor units should be connected.

MU3M19 UE0

Operation	Combination				Heating											
					Each Capacity			Total Capacity						Input(W)		
					Min		Rating		Max							
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	UNIT-C(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5			5	5500	-	-	4800	1.4	5500	1.6	6,325	1.9	586	860	1290
	7			7	8400	-	-	4800	1.4	8400	2.5	9660	2.8	586	980	1400
	9			9	10800	-	-	6480	1.9	10800	3.2	12420	3.6	771	1140	1540
	12			12	13200	-	-	7920	2.3	13200	3.9	15180	4.4	866	1370	1820
	18			18	21600			12960	3.8	21600	6.3	24840	7.3	1150	1640	2480
2 Unit	5	5		10	5500	5500		6600	1.9	11000	3.2	12650	3.7	933	1080	1640
	5	7		12	5500	8400		8340	2.4	13900	4.1	15985	4.7	933	1280	1720
	5	9		14	5500	10800		9780	2.9	16300	4.8	18745	5.5	933	1460	1890
	5	12		17	5500	13200		11220	3.3	18700	5.5	21505	6.3	1095	1500	2040
	5	18		23	4696	16904		12960	3.8	21600	6.3	24840	7.3	1095	1530	2480
	7	7		14	8400	8400		10080	3.0	16800	4.9	19320	5.7	933	1460	2280
	7	9		16	8400	10800		11520	3.4	19200	5.6	22080	6.5	1001	1530	2410
	9	9		18	10800	10800		12960	3.8	21600	6.3	24840	7.3	1150	1580	2480
	7	12		19	7957	13643		12960	3.8	21600	6.3	24840	7.3	1150	1580	2480
	9	12		21	9257	12343		12960	3.8	21600	6.3	24840	7.3	1150	1580	2480
	12	12		24	10800	10800		12960	3.8	21600	6.3	24840	7.3	1150	1580	2480
	7	18		25	10800	10800		12960	3.8	21600	6.3	24840	7.3	1150	1490	2480
	9	18		27	10800	10800		12960	3.8	21600	6.3	24840	7.3	1150	1490	2480
	12	18		30	10800	10800		12960	3.8	21600	6.3	24840	7.3	1150	1490	2480
3 Unit	5	5	5	15	5500	5500	5500	9900	2.9	16500	4.8	18975	5.6	1095	1270	2260
	5	5	7	17	5500	5500	8400	11640	3.4	19400	5.7	22310	6.5	1095	1310	2380
	5	5	9	19	5684	5684	10232	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	5	12	22	4909	4909	11782	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	7	7	19	5684	7958	7958	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	7	9	21	5143	7200	9257	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	7	12	24	4500	6300	10800	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	9	9	23	4696	8452	8452	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	9	12	26	4154	7477	9969	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	12	12	29	3724	8938	8938	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	7	7	7	21	7200	7200	7200	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	7	7	7	21	7200	7200	7200	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	7	7	9	23	6574	6574	8452	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	7	9	9	25	6048	7776	7776	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	7	7	12	26	5815	5815	9969	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	9	9	9	27	7200	7200	7200	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	7	9	12	28	5400	6943	9257	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	9	9	12	30	6480	6480	8640	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 30kBtu/h
4. At least two indoor units should be connected.

Combination Table MULTI

MU4M25 UE0

Operation	Combination of Indoor Unit (kBtu/h)					Cooling													
						Each Capacity				Total Capacity						Input (W)			
										Min		Rating		Max					
1 Unit	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	UNIT-C(Btu/h)	UNIT-D(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	
	5				5	5,000	-	-	-	6,300	1.3	5,000	1.5	5,500	1.6	720	720	810	
	7				7	7,000	-	-	-	6,300	1.9	7,000	2.1	7,700	2.3	720	720	810	
	9				9	9,000	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	720	850	1,030	
	12				12	12,000	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	672	1,120	1,510	
	18				18	18,000	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,002	1,670	2,150	
2 Unit	24				24	24,000	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,230	2,010	3,090	
	5	5			10	5,000	5,000	-	-	6,000	1.8	10,000	2.9	11,000	3.2	756	910	1,680	
	5	7			12	5,000	7,000	-	-	7,200	2.1	12,000	3.5	13,200	3.9	756	1,020	1,860	
	5	9			14	5,000	9,000	-	-	8,400	2.5	14,000	4.1	15,400	4.5	876	1,100	2,020	
	7	7			14	7,000	7,000	-	-	8,400	2.5	14,000	4.1	15,400	4.5	756	1,100	2,020	
	7	9			16	7,000	9,000	-	-	9,600	2.8	16,000	4.7	17,600	5.2	876	1,220	2,170	
	9	12			17	5,000	12,000	-	-	10,200	3.0	17,000	5.0	18,700	5.5	1,008	1,350	2,260	
	9	9			18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,002	1,510	2,560	
	7	12			19	7,000	12,000	-	-	11,400	3.4	19,000	5.6	20,900	6.1	1,008	1,640	2,710	
	9	12			21	9,000	12,000	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,044	1,700	2,830	
	5	18			23	5,000	18,000	-	-	13,800	4.1	23,000	6.8	23,100	6.8	1,284	1,770	2,870	
	12	12			24	11,500	11,500	-	-	13,800	4.1	23,000	6.8	25,500	7.5	1,194	1,910	3,090	
	7	18			25	6,720	17,280	-	-	14,400	4.2	24,000	7.1	26,500	7.8	1,284	1,830	2,980	
	9	18			27	8,000	16,000	-	-	14,400	4.2	24,000	7.1	27,500	8.1	1,284	1,830	2,980	
	5	24			29	4,138	19,862	-	-	14,400	4.2	24,000	7.1	27,500	8.1	1,284	1,830	2,980	
	12	18			30	9,600	14,400	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,284	1,830	2,980	
	7	24			31	5,419	18,581	-	-	14,400	4.2	24,000	7.1	29,000	8.5	1,284	1,830	2,980	
	9	24			33	6,545	17,455	-	-	14,400	4.2	24,000	7.1	29,000	8.5	1,284	1,830	2,980	
	18	18			36	12,000	12,000	-	-	14,400	4.2	24,000	7.1	29,000	8.5	1,284	1,830	2,980	
	12	24			36	8,000	16,000	-	-	14,400	4.2	24,000	7.1	29,000	8.5	1,284	1,830	2,980	
	3Unit	5	5	5		15	5,000	5,000	5,000	-	9,000	2.6	15,000	4.4	18,000	5.3	1,044	1,050	2,100
		5	5	7		17	5,000	5,000	7,000	-	10,200	3.0	17,000	5.0	20,400	6.0	1,044	1,260	2,410
		5	5	9		19	5,000	5,000	9,000	-	11,400	3.4	19,000	5.6	22,800	6.7	1,152	1,450	2,730
		5	7	7		19	5,000	7,000	7,000	-	11,400	3.4	19,000	5.6	22,800	6.7	1,044	1,450	2,730
5		7	9		21	5,000	7,000	9,000	-	12,600	3.7	21,000	6.2	25,200	7.4	1,152	1,540	2,820	
7		7	7		21	7,000	7,000	7,000	-	12,600	3.7	21,000	6.2	25,200	7.4	1,044	1,540	2,820	
5		5	12		22	5,000	5,000	12,000	-	13,200	3.9	22,000	6.5	26,400	7.8	1,200	1,610	2,850	
7		7	9		23	7,000	7,000	9,000	-	13,800	4.1	23,000	6.8	27,600	8.1	1,152	1,790	2,910	
5		9	9		23	5,000	9,000	9,000	-	13,800	4.1	23,000	6.8	27,600	8.1	1,152	1,790	2,910	
5		7	12		24	5,000	7,000	12,000	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050	
7		9	9		25	6,720	8,640	8,640	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050	
5		9	12		26	4,615	8,308	11,077	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050	
7		7	12		26	6,462	6,462	11,077	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050	
9		9	9		27	8,000	8,000	8,000	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050	
7		9	12		28	6,000	7,714	10,286	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050	
5		5	18		28	4,286	4,286	15,429	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,050	
5		12	12		29	4,138	9,931	9,931	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050	
5		7	18		30	4,000	5,600	14,400	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
9		9	12		30	7,200	7,200	9,600	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050	
7		12	12		31	5,419	9,290	9,290	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050	
5		9	18		32	3,750	6,750	13,500	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
7		7	18		32	5,250	5,250	13,500	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
9		12	12		33	6,545	8,727	8,727	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,050	
7		9	18		34	4,941	6,353	12,706	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
5		5	24		34	3,529	3,529	16,941	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
5		12	18		35	3,429	8,229	12,343	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
5		7	24		36	3,333	4,667	16,000	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
12		12	12		36	8,000	8,000	8,000	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,050	
9		9	18		36	6,000	6,000	12,000	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
7		12	18		37	4,541	7,784	11,676	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
5		9	24		38	3,158	5,684	15,158	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
7		7	24		38	4,421	4,421	15,158	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
9		12	18		39	5,538	7,385	11,077	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020	
4Unit		5	5	5	5	20	5,000	5,000	5,000	5,000	12,000	3.5	20,000	5.9	24,000	7.1	1,194	1,470	2,700
		5	5	5	7	22	5,000	5,000	5,000	7,000	13,200	3.9	22,000	6.5	26,400	7.8	1,194	1,590	2,830
		5	5	5	9	24	5,000	5,000	5,000	9,000	14,400	4.2	24,000	7.1	28,500	8.4	1,194	1,770	3,010
	5	5	7	7	24	5,000	5,000	7,000	7,000	14,400	4.2	24,000	7.1	28,500	8.4	1,194	1,770	3,010	
	5	5	7	9	26	4,615	4,615	6,462	8,308	14,400	4.2	24,000	7.1	28,500	8.4	1,194	1,770	3,010	
	5	5	7	12	27	4,615	6,462	6,462	6,462	14,400	4.2	24,000	7.1	28,500	8.4	1,194	1,770	3,010	
	5	5	5	12	27	4,444	4,444	4,444	10,667	14,400	4.2	24,000	7.1	28,500	8.4	1,194	1,770	3,010	
	5	5	9	9	28	4,286	4,286	7,714	7,714	14,400	4.2	24,000	7.1	28,500	8.4	1,194	1,770	3,010	
	5	7	7	9	28	4,286	6,000	6,000	7,714	14,400	4.2	24,000	7.1	28,500	8.4	1,194	1,770	3,010	
	7	7	7	7	28	6,000	6,000	6,000	6,000	14,400	4.2	24,000	7.1	28,500	8.4	1,194	1,770	3,010	
	5	5	7	12	29	4,138	4,138	5,793	9,931	14,400	4.2	24,000	7.1	28,500	8.4	1,194	1,770	3,010	
	5																		

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Operation	Combination of Indoor Unit (kBtu/h)					Heating													
						Each Capacity				Total Capacity						Input (W)			
										Min		Rating		Max					
						UNIT-A(Btu/h)	UNIT-B(Btu/h)	UNIT-C(Btu/h)	UNIT-D(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	
1 Unit	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total														
	5				5					7,560	1.5	5,500	1.6	6,050	1.8	880	840	1,050	
	7				7	8,000	-	-	-	7,560	2.2	8,000	2.4	8,800	2.6	880	880	1,200	
	9				9	10,000	-	-	-	7,560	2.2	10,000	2.9	10,900	3.2	880	1,010	1,360	
	12				12	13,200	-	-	-	7,920	2.3	13,200	3.9	14,500	4.3	880	1,370	1,900	
	18				18	19,800	-	-	-	11,880	3.5	19,800	5.8	21,800	6.4	1,200	2,080	2,730	
2 Unit	24				24	25,400	-	-	-	15,240	4.5	25,400	7.5	26,600	7.8	1,368	2,770	3,100	
	5	5			10	5,500	5,500	-	-	6,600	1.9	11,000	3.2	12,100	3.6	918	970	1,300	
	5	7			12	5,500	8,400	-	-	8,340	2.5	13,900	4.1	15,290	4.5	918	1,160	1,850	
	5	9			14	5,500	10,000	-	-	9,300	2.7	15,500	4.6	18,500	5.4	1,038	1,400	2,200	
	7	7			14	8,400	8,400	-	-	10,080	3.0	16,800	4.9	18,500	5.4	918	1,400	2,200	
	7	9			16	8,400	10,800	-	-	11,520	3.4	19,200	5.6	21,100	6.2	1,038	1,710	2,510	
	5	12			17	5,500	13,200	-	-	11,220	3.3	18,700	5.5	23,700	7.0	1,212	1,890	2,700	
	9	9			18	10,800	10,800	-	-	12,960	3.8	21,600	6.4	23,700	7.0	1,200	2,060	2,660	
	7	12			19	8,400	14,400	-	-	13,680	4.0	22,800	6.7	25,000	7.4	1,212	2,160	2,790	
	9	12			21	10,800	14,400	-	-	15,120	4.4	25,200	7.4	27,700	8.1	1,260	2,390	3,010	
	5	18			23	5,500	19,800	-	-	15,180	4.5	25,300	7.4	27,830	8.2	1,428	2,630	3,050	
	12	12			24	13,200	13,200	-	-	15,840	4.7	26,400	7.8	29,040	8.5	1,368	2,770	3,100	
	7	18			25	7,784	20,016	-	-	16,680	4.9	27,800	8.2	30,000	8.8	1,428	2,660	3,050	
	9	18			27	9,600	19,200	-	-	17,280	5.1	28,800	8.5	31,500	9.3	1,428	2,660	3,050	
	5	24			29	4,966	23,834	-	-	17,280	5.1	28,800	8.5	32,000	9.4	1,428	2,660	3,050	
	12	18			30	11,520	17,280	-	-	17,280	5.1	28,800	8.5	32,000	9.4	1,428	2,660	3,050	
	7	24			31	6,503	22,297	-	-	17,280	5.1	28,800	8.5	32,000	9.4	1,428	2,660	3,050	
	9	24			33	7,855	20,945	-	-	17,280	5.1	28,800	8.5	32,000	9.4	1,428	2,660	3,050	
	18	18			36	14,400	14,400	-	-	17,280	5.1	28,800	8.5	32,000	9.4	1,428	2,660	3,050	
	12	24			36	9,600	19,200	-	-	17,280	5.1	28,800	8.5	32,000	9.4	1,428	2,660	3,050	
	3Unit	5	5	5		15	5,500	5,500	5,500		9,900	2.9	16,500	4.9	18,150	5.3	1,260	1,260	2,430
		5	5	7		17	5,500	5,500	8,400		11,640	3.4	19,400	5.7	21,340	6.3	1,260	1,530	2,540
		5	5	9		19	5,500	5,500	10,000		12,600	3.7	21,000	6.2	23,100	6.8	1,278	1,750	2,680
		5	7	7		19	5,500	8,400	8,000		13,140	3.9	21,900	6.4	24,090	7.1	1,260	1,750	2,680
5		7	9		21	5,500	8,400	10,000		14,340	4.2	23,900	7.0	26,290	7.7	1,278	1,860	2,810	
7		7	7		21	8,400	8,400	8,400		15,120	4.4	25,200	7.4	27,700	8.1	1,260	1,860	2,810	
5		5	12		22	5,500	5,500	13,200		14,520	4.3	24,200	7.1	26,620	7.8	1,308	1,950	2,860	
7		7	9		23	8,400	8,400	10,800		16,560	4.9	27,600	8.1	30,000	8.8	1,278	2,020	2,980	
5		9	9		23	5,500	10,000	10,000		15,300	4.5	25,500	7.5	28,050	8.2	1,308	2,020	2,980	
5		7	12		24	6,000	8,400	14,400		17,280	5.1	28,800	8.5	31,500	9.3	1,308	2,110	3,090	
7		9	9		25	8,064	10,368	10,368		17,280	5.1	28,800	8.5	30,000	8.8	1,308	2,110	3,090	
5		9	12		26	5,538	9,969	13,292		17,280	5.1	28,800	8.5	31,500	9.3	1,308	2,110	3,090	
7		7	12		26	7,754	7,754	13,292		17,280	5.1	28,800	8.5	31,500	9.3	1,308	2,110	3,090	
9		9	9		27	9,600	9,600	9,600		17,280	5.1	28,800	8.5	31,500	9.3	1,308	2,110	3,090	
7		9	12		28	7,200	9,257	12,343		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,110	3,090	
5		5	18		28	5,143	5,143	18,514		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
5		12	12		29	4,966	11,917	11,917		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,110	3,090	
5		7	18		30	4,800	6,720	17,280		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
9		9	12		30	8,640	8,640	11,520		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,110	3,090	
7		12	12		31	6,503	11,148	11,148		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,110	3,090	
5		9	18		32	4,500	8,100	16,200		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
7		7	18		32	6,300	6,300	16,200		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
9		12	12		33	7,855	10,473	10,473		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,110	3,090	
7		9	18		34	5,929	7,624	15,247		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
5		5	24		34	4,235	4,235	20,329		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
5		12	18		35	4,114	9,874	14,811		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
5		7	24		36	4,000	5,600	19,200		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
12		12	12		36	9,600	9,600	9,600		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,110	3,090	
9		9	18		36	7,200	7,200	14,400		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
7		12	18		37	5,449	9,341	14,011		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
5		9	24		38	3,789	6,821	18,189		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
7		7	24		38	5,305	5,305	18,189		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
9		12	18		39	6,646	8,862	13,292		17,280	5.1	28,800	8.5	32,000	9.4	1,308	2,080	3,090	
4Unit		5	5	5	5	20	5,500	5,500	5,500	5,500	13,200	3.9	22,000	6.5	24,200	7.1	1,176	1,650	2,710
		5	5	5	7	22	5,500	5,500	5,500	8,000	14,700	4.3	24,500	7.2	26,950	7.9	1,176	1,760	2,890
		5	5	5	9	24	5,500	5,500	5,500	9,900	15,840	4.7	26,400	7.8	29,040	8.5	1,176	1,850	3,060
	5	5	7	7	24	5,500	5,500	7,700	7,700	15,840	4.7	26,400	7.8	29,040	8.5	1,176	1,850	3,060	
	5	5	7	9	26	5,538	5,538	7,754	9,969	17,280	5.1	28,800	8.5	31,500	9.3	1,176	1,850	3,060	
	5	7	7	7	26	5,538	7,754	7,754	7,754	17,280	5.1	28,800	8.5	31,500	9.3	1,176	1,850	3,060	
	5	5	5	12	27	5,333	5,333	5,333	12,800	17,280	5.1	28,800	8.5	31,500	9.3	1,176	1,850	3,060	
	5	5	9	9	28	5,143	5,143	9,257	9,257	17,280	5.1	28,800	8.5	31,500	9.3	1,176	1,850	3,060	
	5	7	7	9	28	5,143	7,200	7,200	9,257	17,280	5.1	28,800	8.5	31,500	9.3	1,176	1,850	3,060	
	7	7	7	7	28	7,200	7,200	7,200	7,200	17,280	5.1	28,800	8.5	31,500	9.3	1,176	1,850	3,060	
	5	5	7	12	29	4,966	4,966	6,952	11,917	17,280	5.1	28,800	8.5	32,000	9.4	1,176	1,850	3,060	
	5	7	9	9	30	4,800	6,720	8,64											

Combination TableMULTI

MU5M30 U40

Operation	Combination of Indoor Unit (kBtu/h)						Cooling														
							Each Capacity					Total Capacity				Input (W)					
												Min		Rating					Max		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	UNIT-C(Btu/h)	UNIT-D(Btu/h)	UNIT-E(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	
1 Unit	5					5	5,000	-	-	-	-	6,300	1.9	5,000	1.5	5,500	1.6	720	720	790	
	7					7	7,000	-	-	-	-	6,300	1.9	7,000	2.1	7,700	2.3	720	720	790	
	9					9	9,000	-	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	720	820	1,000	
	12					12	12,000	-	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	774	1,070	1,480	
	18					18	18,000	-	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,209	1,610	2,110	
	24					24	24,000	-	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,650	1,920	3,060	
2 Unit	5	5				10	5,000	5,000	-	-	-	6,000	1.8	10,000	2.9	11,500	3.4	834	910	1,720	
	5	7				12	5,000	7,000	-	-	-	7,200	2.1	12,000	3.5	13,800	4.1	834	1,020	1,910	
	5	9				14	5,000	9,000	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	1,094	1,100	2,040	
	7	7				14	7,000	7,000	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	834	1,100	2,040	
	7	9				16	7,000	9,000	-	-	-	9,600	2.8	16,000	4.7	18,400	5.4	1,094	1,220	2,190	
	5	12				17	5,000	12,000	-	-	-	10,200	3.0	17,000	5.0	18,700	5.5	1,311	1,350	2,270	
	9	9				18	9,000	9,000	-	-	-	10,800	3.2	18,000	5.3	20,700	6.1	1,265	1,510	2,570	
	7	12				19	7,000	12,000	-	-	-	11,400	3.4	19,000	5.6	20,900	6.1	1,311	1,640	2,730	
	9	12				21	9,000	12,000	-	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,490	1,750	2,850	
	5	18				23	5,000	18,000	-	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,746	1,890	2,890	
	12	12				24	12,000	12,000	-	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,653	1,980	3,070	
	7	18				25	7,000	18,000	-	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,746	2,130	3,100	
	9	18				27	9,000	18,000	-	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,893	2,310	3,130	
	5	24				29	5,000	24,000	-	-	-	17,400	5.1	29,000	8.5	31,900	9.4	1,979	2,420	3,140	
	12	18				30	12,000	18,000	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	
	7	24				31	6,774	23,226	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	
	9	24				33	8,182	21,818	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	
	18	18				36	15,000	15,000	-	-	-	18,000	5.3	30,000	8.8	33,000	10.1	1,979	2,510	3,160	
	12	24				36	10,000	20,000	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	
	18	24				42	12,857	17,143	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	
	24	24				48	15,000	15,000	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	
	3Unit	5	5	5			15	5,000	5,000	5,000	-	-	9,000	2.6	15,000	4.4	17,250	5.1	1,490	1,050	2,100
		5	5	7			17	5,000	5,000	7,000	-	-	10,200	3.0	17,000	5.0	19,550	5.7	1,490	1,260	2,410
		5	5	9			19	5,000	5,000	9,000	-	-	11,400	3.4	19,000	5.6	21,850	6.4	1,575	1,450	2,730
5		7	7			19	5,000	7,000	7,000	-	-	11,400	3.4	19,000	5.6	21,850	6.4	1,490	1,450	2,730	
5		7	9			21	5,000	7,000	9,000	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,575	1,540	2,820	
7		7	7			21	7,000	7,000	7,000	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,490	1,540	2,820	
5		5	12			22	5,000	5,000	12,000	-	-	13,200	3.9	22,000	6.5	25,300	7.4	1,800	1,610	2,850	
7		7	9			23	7,000	7,000	9,000	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,575	1,790	2,910	
5		9	9			23	5,000	9,000	9,000	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,746	1,790	2,910	
5		7	12			24	5,000	7,000	12,000	-	-	14,400	4.2	24,000	7.1	27,600	8.1	1,800	1,820	3,050	
7		9	9			25	7,000	9,000	9,000	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,746	1,930	3,070	
5		9	12			26	5,000	9,000	12,000	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,909	2,030	3,080	
7		7	12			26	7,000	7,000	12,000	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,800	2,030	3,080	
9		9	9			27	9,000	9,000	9,000	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,893	2,120	3,100	
7		9	12			28	7,000	9,000	12,000	-	-	16,800	4.9	28,000	8.2	32,200	9.5	1,909	2,220	3,120	
5		5	18			28	5,000	5,000	18,000	-	-	16,800	4.9	28,000	8.2	32,200	9.5	1,948	2,220	3,120	
5		12	12			29	5,000	12,000	12,000	-	-	17,400	5.1	29,000	8.5	32,480	9.5	1,948	2,330	3,140	
5		7	18			30	5,000	7,000	18,000	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	
9		9	12			30	9,000	9,000	12,000	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
7		12	12			31	6,774	11,613	11,613	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
5		9	18			32	4,688	8,438	16,875	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	
7		7	18			32	6,563	6,563	16,875	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	
9		12	12			33	8,182	10,909	10,909	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
7		9	18			34	6,176	7,941	15,882	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	
5		5	24			34	4,412	4,412	21,176	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
5		12	18			35	4,286	10,286	15,429	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
5		7	24			36	4,167	5,833	20,000	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
12		12	12			36	10,000	10,000	10,000	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
9		9	18			36	7,500	7,500	15,000	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
7		12	18			37	5,676	9,730	14,595	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
5		9	24			38	3,947	7,105	18,947	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
7		7	24			38	5,526	5,526	18,947	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
9		12	18			39	6,923	9,231	13,846	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
7		9	24			40	5,250	6,750	18,000	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
5		12	24			41	3,659	8,780	17,561	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
5		18	18			41	3,659	13,171	13,171	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
12		12	18			42	8,571	8,571	12,857	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
9		9	24			42	6,429	6,429	17,143	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,948	2,420	3,160	
7		18	18			43	4,884	12,558	12,558	-	-	18,000	5.3	30,000	8.8	3					

MU5M30 U40

Operation	Combination of Indoor Unit (kBtu/h)						Cooling													
							Each Capacity					Total Capacity						Input (W)		
															</					

Combination Table MULTI

MU5M30 U40

Operation	Combination of Indoor Unit (kBtu/h)						Heating														
							Each Capacity					Total Capacity						Input (W)			
												Min		Rating		Max					
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	UNIT-C(Btu/h)	UNIT-D(Btu/h)	UNIT-E(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	
1 Unit	5					5	5,500	-	-	-	-	7,560	2.2	5,500	1.6	6,050	1.8	880	840	1,440	
	7					7	8,000	-	-	-	-	7,560	2.2	8,000	2.4	8,800	2.6	880	880	1,440	
	9					9	10,000	-	-	-	-	7,560	2.2	10,000	2.9	11,000	3.2	978	1,010	1,630	
	12					12	13,200	-	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	1,273	1,370	2,250	
	18					18	19,800	-	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,901	2,080	3,310	
	24					24	25,400	-	-	-	-	15,240	4.5	25,400	7.5	26,600	7.8	2,569	2,770	3,870	
2 Unit	5	5				10	6,000	6,000	-	-	-	7,200	2.1	12,000	3.5	13,800	4.1	1,249	970	1,850	
	5	7				12	6,000	8,400	-	-	-	8,640	2.5	14,400	4.2	16,560	4.9	1,249	1,160	2,160	
	5	9				14	6,000	10,800	-	-	-	10,080	3.0	16,800	4.9	19,320	5.7	1,366	1,400	2,557	
	7	7				14	8,400	8,400	-	-	-	10,080	3.0	16,800	4.9	19,320	5.7	1,249	1,400	2,557	
	7	9				16	8,400	10,800	-	-	-	11,520	3.4	19,200	5.6	22,080	6.5	1,366	1,710	3,100	
	5	12				17	6,000	14,400	-	-	-	12,240	3.6	20,400	6.0	22,440	6.6	1,311	1,890	3,403	
	9	9				18	10,800	10,800	-	-	-	12,960	3.8	21,600	6.4	24,840	7.3	1,606	2,060	3,587	
	7	12				19	8,400	14,400	-	-	-	13,680	4.0	22,800	6.7	25,080	7.4	1,886	2,160	3,383	
	9	12				21	10,800	14,400	-	-	-	15,120	4.4	25,200	7.4	27,720	8.1	2,320	2,390	3,390	
	5	18				23	6,000	21,600	-	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,746	2,630	3,610	
	12	12				24	14,400	14,400	-	-	-	17,280	5.1	28,800	8.5	31,680	9.3	2,522	2,770	3,680	
	7	18				25	8,400	21,600	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	2,631	2,810	3,706	
	9	18				27	10,800	21,600	-	-	-	19,440	5.7	32,400	9.5	37,260	11.0	2,770	2,900	3,712	
	5	24				29	5,750	27,600	-	-	-	20,010	5.9	33,350	9.8	36,685	10.8	1,979	3,010	3,820	
	12	18				30	13,800	20,700	-	-	-	20,700	6.1	34,500	10.1	37,950	11.2	2,957	3,090	3,870	
	7	24				31	7,790	26,710	-	-	-	20,700	6.1	34,500	10.1	37,950	11.2	2,957	3,090	3,870	
	9	24				33	9,409	25,091	-	-	-	20,700	6.1	34,500	10.1	37,950	11.2	2,957	3,090	3,870	
	18	18				36	17,250	17,250	-	-	-	20,700	6.1	34,500	10.1	37,950	11.7	2,910	3,090	3,870	
	12	24				36	11,500	23,000	-	-	-	20,700	6.1	34,500	10.1	37,950	11.2	2,910	3,090	3,870	
	18	24				42	14,786	19,714	-	-	-	20,700	6.1	34,500	10.1	37,950	11.2	2,910	3,090	3,870	
	24	24				48	17,250	17,250	-	-	-	20,700	6.1	34,500	10.1	37,950	11.2	2,910	3,090	3,870	
	3Unit	5	5	5			15	6,000	6,000	6,000	-	-	10,800	3.2	18,000	5.3	20,700	6.1	1,490	1,260	2,580
		5	5	7			17	6,000	6,000	8,400	-	-	12,240	3.6	20,400	6.0	23,460	6.9	1,490	1,530	2,700
		5	5	9			19	6,000	6,000	10,800	-	-	13,680	4.0	22,800	6.7	26,220	7.7	1,575	1,750	2,830
5		7	7			19	6,000	8,400	8,400	-	-	13,680	4.0	22,800	6.7	26,220	7.7	1,490	1,750	2,830	
5		7	9			21	6,000	8,400	10,800	-	-	15,120	4.4	25,200	7.4	28,980	8.5	1,575	1,860	2,960	
7		7	7			21	8,400	8,400	8,400	-	-	15,120	4.4	25,200	7.4	28,980	8.5	1,599	1,860	2,960	
5		5	12			22	6,000	6,000	14,400	-	-	15,840	4.7	26,400	7.8	30,360	8.9	1,800	1,950	3,030	
7		7	9			23	8,400	8,400	10,800	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,754	2,020	3,150	
5		9	9			23	6,000	10,800	10,800	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,746	2,020	3,150	
5		7	12			24	6,000	8,400	14,400	-	-	17,280	5.1	28,800	8.5	33,120	9.7	1,800	2,110	3,290	
7		9	9			25	8,400	10,800	10,800	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,979	2,220	3,410	
5		9	12			26	6,000	10,800	14,400	-	-	18,720	5.5	31,200	9.2	35,880	10.5	1,909	2,320	3,500	
7		7	12			26	8,400	8,400	14,400	-	-	18,720	5.5	31,200	9.2	35,880	10.5	2,103	2,320	3,500	
9		9	9			27	10,800	10,800	10,800	-	-	19,440	5.7	32,400	9.5	37,260	11.0	2,243	2,410	3,570	
7		9	12			28	8,400	10,800	14,400	-	-	20,160	5.9	33,600	9.9	38,640	11.4	2,359	2,480	3,620	
5		5	18			28	6,000	6,000	21,600	-	-	20,160	5.9	33,600	9.9	38,640	11.4	2,491	2,480	3,620	
5		12	12			29	6,000	14,400	14,400	-	-	20,880	6.1	34,800	10.2	38,976	11.5	2,491	2,560	3,700	
5		7	18			30	5,750	8,050	20,700	-	-	20,700	6.1	34,500	10.1	39,675	11.7	2,491	2,690	3,800	
9		9	12			30	10,350	10,350	13,800	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
7		12	12			31	7,790	13,355	13,355	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
5		9	18			32	5,391	9,703	19,406	-	-	20,700	6.1	34,500	10.1	39,675	11.7	2,491	2,690	3,800	
7		7	18			32	7,547	7,547	19,406	-	-	20,700	6.1	34,500	10.1	39,675	11.7	2,491	2,690	3,800	
9		12	12			33	9,409	12,545	12,545	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
7		9	18			34	7,103	9,132	18,265	-	-	20,700	6.1	34,500	10.1	39,675	11.7	2,491	2,690	3,800	
5		5	24			34	5,074	5,074	24,353	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
5		12	18			35	4,929	11,829	17,743	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
5		7	24			36	4,792	6,708	23,000	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
12		12	12			36	11,500	11,500	11,500	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
9		9	18			36	8,625	8,625	17,250	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
7		12	18			37	6,527	11,189	16,784	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
5		9	24			38	4,539	8,171	21,789	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
7		7	24			38	6,355	6,355	21,789	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
9		12	18			39	7,962	10,615	15,923	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
7		9	24			40	6,038	7,763	20,700	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
5		12	24			41	4,207	10,098	20,195	-	-	20,700	6.1	34,500	10.1	39,675	11.4	2,491	2,690	3,800	
5		18	18			41	4,207	15,146	15,14												

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Operation	Combination of Indoor Unit (kBtu/h)						Heating													
							Each Capacity					Total Capacity						Input (W)		

Combination Table MULTI

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	Total Indoor Unit Capacity(kBtu/h)		Cooling Capacity						Current(A)			Input(W)		
			Min		Rating		Max							
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Min	Rated	Max
16	9600	2.8	16000	4.7	17600	5.2	17600	5.2	1.7	2.6	2.9	800	1333	1533
18	10800	3.2	18000	5.3	19800	5.8	19800	5.8	1.8	2.9	3.2	900	1500	1725
19	11400	3.3	19000	5.6	20900	6.1	20900	6.1	1.9	3.0	3.3	950	1583	1821
21	12600	3.7	21000	6.2	23100	6.8	23100	6.8	2.1	3.3	3.6	1050	1750	2013
23	13800	4.0	23000	6.7	25300	7.4	25300	7.4	2.3	3.6	4.0	1150	1917	2204
24	14400	4.2	24000	7.0	26400	7.7	26400	7.7	2.4	3.7	4.2	1200	2000	2300
25	15000	4.4	25000	7.3	27500	8.1	27500	8.1	2.5	3.8	4.3	1250	2083	2396
26	15600	4.6	26000	7.6	28600	8.4	28600	8.4	2.5	4.0	4.5	1300	2167	2492
27	16200	4.7	27000	7.9	29700	8.7	29700	8.7	2.6	4.1	4.6	1350	2250	2588
28	16800	4.9	28000	8.2	30800	9.0	30800	9.0	2.7	4.3	4.8	1400	2333	2683
30	18000	5.3	30000	8.8	33000	9.7	33000	9.7	2.9	4.5	5.1	1500	2500	2875
31	18300	5.4	30500	8.9	33550	9.8	33550	9.8	3.0	4.7	5.3	1550	2583	2971
32	18600	5.5	31000	9.1	34100	10.0	34100	10.0	3.1	4.8	5.4	1600	2667	3067
33	18900	5.5	31500	9.2	34650	10.2	34650	10.2	3.2	5.0	5.6	1650	2750	3163
34	19200	5.6	32000	9.4	35200	10.3	35200	10.3	3.3	5.1	5.8	1700	2833	3258
35	19500	5.7	32500	9.5	35750	10.5	35750	10.5	3.3	5.2	5.9	1750	2917	3354
36	21600	6.3	33000	9.7	37000	10.8	37000	10.8	3.4	5.4	6.0	1800	3000	3450
37	22200	6.5	33942	9.9	37336	10.9	37336	10.9	3.5	5.4	6.0	1807	3012	3464
38	22800	6.7	34507	10.1	37958	11.1	37958	11.1	3.5	5.4	6.1	1811	3019	3472
39	23400	6.9	34884	10.2	38373	11.2	38373	11.2	3.5	5.4	6.1	1814	3024	3477
40	24000	7.0	35239	10.3	38763	11.4	38763	11.4	3.5	5.4	6.1	1819	3032	3486
41	24600	7.2	35565	10.4	39121	11.5	39121	11.5	3.5	5.4	6.1	1823	3038	3494
42	25200	7.4	35594	10.4	39153	11.5	39153	11.5	3.5	5.5	6.1	1824	3040	3496
43	25800	7.6	35947	10.5	39542	11.6	39542	11.6	3.5	5.5	6.1	1831	3051	3509
44	26400	7.7	36167	10.6	39784	11.7	39784	11.7	3.5	5.5	6.1	1835	3059	3518
45	27000	7.9	36167	10.6	39784	11.7	39784	11.7	3.5	5.5	6.1	1835	3059	3518
46	27600	8.1	36300	10.6	39930	11.7	39930	11.7	3.5	5.5	6.2	1838	3063	3523

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	Total Indoor Unit Capacity(kBtu/h)		Heating Capacity						Current(A)			Input(W)		
			Min		Rating		Max							
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max	Min	Rating	Max
16	10752	3.2	17920	5.3	19712	5.8	19712	5.8	1.7	2.6	2.9	813	1356	1559
18	12096	3.5	20160	5.9	22176	6.5	22176	6.5	1.8	2.9	3.2	915	1525	1754
19	12768	3.7	21280	6.2	23408	6.9	23408	6.9	1.9	3.0	3.4	966	1610	1851
21	14112	4.1	23520	6.9	25872	7.6	25872	7.6	2.1	3.3	3.7	1068	1779	2046
23	15456	4.5	25760	7.5	28336	8.3	28336	8.3	2.3	3.6	4.0	1169	1949	2241
24	16128	4.7	26880	7.9	29568	8.7	29568	8.7	2.4	3.7	4.2	1220	2033	2338
25	16800	4.9	28000	8.2	30800	9.0	30800	9.0	2.5	3.9	4.4	1271	2118	2436
26	17472	5.1	29120	8.5	32032	9.4	32032	9.4	2.6	4.0	4.6	1322	2203	2533
27	18144	5.3	30240	8.9	33264	9.7	33264	9.7	2.7	4.2	4.7	1373	2288	2631
28	18816	5.5	31360	9.2	34496	10.1	34496	10.1	2.8	4.4	4.9	1423	2372	2728
30	20160	5.9	33600	9.8	36960	10.8	36960	10.8	3.0	4.6	5.2	1525	2542	2923
31	20832	6.1	34720	10.2	38192	11.2	38192	11.2	3.1	4.8	5.4	1576	2626	3020
32	21504	6.3	35840	10.5	39424	11.6	39424	11.6	3.2	4.9	5.5	1627	2711	3118
33	21511	6.3	35851	10.5	39436	11.6	39436	11.6	3.2	5.1	5.7	1678	2796	3215
34	22048	6.5	36747	10.8	40422	11.8	40422	11.8	3.3	5.2	5.8	1728	2881	3313
35	22579	6.6	37632	11.0	41395	12.1	41395	12.1	3.4	5.3	6.0	1779	2965	3410
36	22800	6.7	38000	11.1	42000	12.3	42000	12.3	3.5	5.4	6.1	1830	3050	3508
37	23145	6.8	38576	11.3	42433	12.4	42433	12.4	3.4	5.4	6.1	1822	3037	3493
38	23353	6.8	38921	11.4	42813	12.5	42813	12.5	3.4	5.4	6.0	1818	3030	3484
39	23491	6.9	39151	11.5	43067	12.6	43067	12.6	3.4	5.4	6.0	1815	3025	3478
40	23560	6.9	39267	11.5	43194	12.7	43194	12.7	3.4	5.3	6.0	1800	3000	3449
41	23644	6.9	39406	11.5	43347	12.7	43347	12.7	3.4	5.3	5.9	1790	2983	3430
42	23630	6.9	39383	11.5	43322	12.7	43322	12.7	3.4	5.3	5.9	1785	2974	3421
43	23768	7.0	39613	11.6	43574	12.8	43574	12.8	3.3	5.2	5.9	1762	2937	3377
44	23847	7.0	39744	11.6	43719	12.8	43719	12.8	3.3	5.2	5.8	1747	2911	3348
45	23860	7.0	39767	11.7	43744	12.8	43744	12.8	3.3	5.1	5.8	1742	2904	3339
46	23906	7.0	39843	11.7	43827	12.8	43827	12.8	3.3	5.1	5.8	1739	2899	3334

Note :

- Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
- Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
- The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
- Total capacity index of indoor unit should be within 16~46 kBtu/h(40%~130%)
- At least two indoor units should be connected.

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	Cooling Capacity						Input(W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9600	2.8	16000	4.7	17600	5.2	796	1327	1526
18	10800	3.2	18000	5.3	19800	5.8	893	1489	1712
19	11400	3.3	19000	5.6	20900	6.1	943	1572	1807
21	12600	3.7	21000	6.2	23100	6.8	1042	1737	1998
23	13800	4.0	23000	6.7	25300	7.4	1011	1684	1937
24	14400	4.2	24000	7.0	26400	7.7	1053	1755	2019
25	15000	4.4	25000	7.3	27500	8.1	1096	1826	2100
26	15600	4.6	26000	7.6	28600	8.4	1161	1935	2225
27	16200	4.7	27000	7.9	29700	8.7	1227	2044	2351
28	16800	4.9	28000	8.2	30800	9.0	1292	2153	2476
29	17400	5.1	29000	8.5	31900	9.3	1357	2262	2602
30	18000	5.3	30000	8.8	33000	9.7	1423	2372	2727
31	18600	5.5	31000	9.1	34100	10.0	1488	2481	2853
32	19200	5.6	32000	9.4	35200	10.3	1554	2590	2978
33	19800	5.8	33000	9.7	36300	10.6	1619	2699	3104
34	20400	6.0	34000	10.0	37400	11.0	1685	2808	3229
35	21000	6.2	35000	10.3	38500	11.3	1750	2917	3355
36	21600	6.3	36000	10.5	39600	11.6	1816	3026	3480
37	22200	6.5	37000	10.8	40700	11.9	1859	3099	3564
38	22800	6.7	38000	11.1	41800	12.2	1903	3172	3648
39	23400	6.9	39000	11.4	42900	12.6	1947	3245	3732
40	24000	7.0	40000	11.7	44000	12.9	1991	3318	3816
41	24600	7.2	41000	12.0	45100	13.2	2035	3391	3900
42	25200	7.4	42000	12.3	46000	13.5	2083	3472	3993
43	25400	7.4	42333	12.4	46167	13.5	2132	3553	4086
44	25600	7.5	42667	12.5	46333	13.6	2180	3634	4179
45	25800	7.6	43000	12.6	46500	13.6	2229	3714	4271
46	26000	7.6	43333	12.7	46667	13.7	2277	3795	4364
47	26200	7.7	43667	12.8	46833	13.7	2325	3876	4457
48	26400	7.7	44000	12.9	47000	13.8	2370	3950	4550
49	26600	7.8	44333	13.0	47167	13.8	2418	4030	4643
50	26800	7.9	44667	13.1	47333	13.9	2400	4000	4736
51	27000	7.9	45000	13.2	47500	13.9	2400	4000	4829
52	27200	8.0	45333	13.3	47667	14.0	2400	4000	4900
53	27400	8.0	45667	13.4	47833	14.0	2400	4000	4900
54	27600	8.1	46000	13.5	48000	14.1	2400	4000	4900

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	Heating Capacity						Input(W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	10752	3.2	17920	5.3	19533	5.7	887	1478	1700
18	11880	3.5	19800	5.8	21582	6.3	975	1625	1868
19	12540	3.7	20900	6.1	22781	6.7	1029	1715	1972
21	13860	4.1	23100	6.8	25179	7.4	1137	1896	2180
23	15180	4.4	25300	7.4	27577	8.1	1355	2259	2869
24	15840	4.6	26400	7.7	28776	8.4	1400	2333	2963
25	16500	4.8	27500	8.1	29975	8.8	1488	2480	3150
26	17160	5.0	28600	8.4	31174	9.1	1535	2559	3250
27	17820	5.2	29700	8.7	32373	9.5	1579	2631	3342
28	18480	5.4	30800	9.0	33572	9.8	1622	2703	3433
29	19140	5.6	31900	9.3	34771	10.2	1665	2776	3525
30	19800	5.8	33000	9.7	35970	10.5	1709	2848	3617
31	20460	6.0	34100	10.0	37169	10.9	1752	2920	3708
32	21120	6.2	35200	10.3	38368	11.2	1795	2992	3800
33	21780	6.4	36300	10.6	39567	11.6	1839	3064	3892
34	22440	6.6	37400	11.0	40766	11.9	1882	3136	3983
35	23100	6.8	38500	11.3	41965	12.3	1925	3209	4075
36	23760	7.0	39600	11.6	43164	12.6	2008	3346	4250
37	24420	7.2	40700	11.9	44363	13.0	2050	3417	4340
38	25080	7.3	41800	12.2	45562	13.4	2093	3488	4430
39	25740	7.5	42900	12.6	46761	13.7	2135	3559	4520
40	26400	7.7	44000	12.9	47960	14.1	2178	3630	4610
41	27060	7.9	45100	13.2	49159	14.4	2220	3701	4700
42	27600	8.1	46000	13.5	50000	14.7	2235	3725	4731
43	27700	8.1	46167	13.5	50167	14.7	2250	3749	4762
44	27800	8.1	46333	13.6	50333	14.7	2264	3773	4792
45	27900	8.2	46500	13.6	50500	14.8	2279	3798	4823
46	28000	8.2	46667	13.7	50667	14.8	2293	3822	4854
47	28100	8.2	46833	13.7	50833	14.9	2308	3846	4885
48	28200	8.3	47000	13.8	51000	14.9	2322	3870	4915
49	28300	8.3	47167	13.8	51167	15.0	2340	3900	5100
50	28400	8.3	47333	13.9	51333	15.0	2340	3900	5100
51	28500	8.4	47500	13.9	51500	15.1	2340	3900	5100
52	28600	8.4	47667	14.0	51667	15.1	2340	3900	5100
53	28700	8.4	47833	14.0	51833	15.2	2340	3900	5100
54	28800	8.4	48000	14.1	52000	15.2	2340	3900	5100

Note :

- Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
- Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
- The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
- Total capacity index of indoor unit should be within 16~54k Btu/h(40%~130%)
- At least two indoor units should be connected.

Combination Table MULTI

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Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input(W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11400	3.3	19000	5.6	20900	6.1	943	1572	1807
21	12600	3.7	21000	6.2	23100	6.8	1042	1737	1998
23	13800	4.0	23000	6.7	25300	7.4	1011	1684	1937
24	14400	4.2	24000	7.0	26400	7.7	1053	1755	2019
25	15000	4.4	25000	7.3	27500	8.1	1096	1826	2100
26	15600	4.6	26000	7.6	28600	8.4	1161	1935	2225
27	16200	4.7	27000	7.9	29700	8.7	1227	2044	2351
28	16800	4.9	28000	8.2	30800	9.0	1292	2153	2476
29	17400	5.1	29000	8.5	31900	9.3	1357	2262	2602
30	18000	5.3	30000	8.8	33000	9.7	1423	2372	2727
31	18600	5.5	31000	9.1	34100	10.0	1488	2481	2853
32	19200	5.6	32000	9.4	35200	10.3	1554	2590	2978
33	19800	5.8	33000	9.7	36300	10.6	1619	2699	3104
34	20400	6.0	34000	10.0	37400	11.0	1685	2808	3229
35	21000	6.2	35000	10.3	38500	11.3	1750	2917	3355
36	21600	6.3	36000	10.5	39600	11.6	1816	3026	3480
37	22200	6.5	37000	10.8	40700	11.9	1859	3099	3564
38	22800	6.7	38000	11.1	41800	12.2	1903	3172	3648
39	23400	6.9	39000	11.4	42900	12.6	1947	3245	3732
40	24000	7.0	40000	11.7	44000	12.9	1991	3318	3816
41	24600	7.2	41000	12.0	45100	13.2	2035	3391	3900
42	25200	7.4	42000	12.3	46000	13.5	2083	3472	3993
43	25800	7.6	43000	12.6	47300	13.9	2132	3553	4086
44	26400	7.7	44000	12.9	48400	14.2	2180	3634	4179
45	27000	7.9	45000	13.2	49500	14.5	2229	3714	4271
46	27600	8.1	46000	13.5	50600	14.8	2277	3795	4364
47	28200	8.3	47000	13.8	51700	15.2	2325	3876	4457
48	28800	8.4	48000	14.1	52800	15.5	2374	3957	4550
49	29006	8.5	48343	14.2	53171	15.6	2422	4037	4643
50	29211	8.6	48686	14.3	53543	15.7	2471	4118	4736
51	29417	8.6	49029	14.4	53914	15.8	2519	4199	4829
52	29623	8.7	49371	14.5	54286	15.9	2568	4280	4921
53	29829	8.7	49714	14.6	54657	16.0	2616	4360	5014
54	30034	8.8	50057	14.7	55029	16.1	2713	4522	5200
55	30240	8.9	50400	14.8	55400	16.2	2760	4600	5300
56	30446	8.9	50743	14.9	55771	16.3	2760	4600	5400
57	30651	9.0	51086	15.0	56143	16.5	2760	4600	5400
58	30857	9.0	51429	15.1	56514	16.6	2760	4600	5400
59	31063	9.1	51771	15.2	56886	16.7	2760	4600	5400
60	31269	9.2	52114	15.3	57257	16.8	2760	4600	5400
61	31474	9.2	52457	15.4	57629	16.9	2760	4600	5400
62	31680	9.3	52800	15.5	58000	17.0	2760	4600	5400

Note :

- 1.Cooling Capacity is based on : indoor temp.27°C DB, 19°CWB; outdoor temp. 35°C DB
- 2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
- 3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
- 4.Total capacity index of indoor unit should be within 19~62k Btu/h(40%~130%)
- 5.At least two indoor units should be connected.

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Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input(W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	12540	3.7	20900	6.1	22781	6.7	1136	1894	2178
21	13860	4.1	23100	6.8	25179	7.4	1256	2093	2407
23	15180	4.4	25300	7.4	27577	8.1	1497	2495	2869
24	15840	4.6	26400	7.7	28776	8.4	1546	2576	2963
25	16500	4.8	27500	8.1	29975	8.8	1643	2739	3150
26	17160	5.0	28600	8.4	31174	9.1	1696	2826	3250
27	17820	5.2	29700	8.7	32373	9.5	1743	2906	3342
28	18480	5.4	30800	9.0	33572	9.8	1791	2986	3433
29	19140	5.6	31900	9.3	34771	10.2	1839	3065	3525
30	19800	5.8	33000	9.7	35970	10.5	1887	3145	3617
31	20460	6.0	34100	10.0	37169	10.9	1935	3225	3708
32	21120	6.2	35200	10.3	38368	11.2	1983	3304	3800
33	21780	6.4	36300	10.6	39567	11.6	2030	3384	3892
34	22440	6.6	37400	11.0	40766	11.9	2078	3464	3983
35	23100	6.8	38500	11.3	41965	12.3	2126	3543	4075
36	23760	7.0	39600	11.6	43164	12.6	2217	3696	4250
37	24420	7.2	40700	11.9	44363	13.0	2264	3774	4340
38	25080	7.3	41800	12.2	45562	13.4	2311	3852	4430
39	25740	7.5	42900	12.6	46761	13.7	2358	3930	4520
40	26400	7.7	44000	12.9	47960	14.1	2405	4009	4610
41	27060	7.9	45100	13.2	49159	14.4	2452	4087	4700
42	27600	8.1	46000	13.5	50000	14.7	2474	4123	4742
43	28400	8.3	47333	13.9	51000	14.9	2496	4159	4783
44	29200	8.6	48667	14.3	52000	15.2	2517	4195	4825
45	30000	8.8	50000	14.7	53000	15.5	2539	4231	4866
46	30800	9.0	51333	15.0	54000	15.8	2561	4268	4908
47	31600	9.3	52667	15.4	55000	16.1	2582	4304	4949
48	32400	9.5	54000	15.8	56000	16.4	2604	4340	4991
49	32486	9.5	54143	15.9	56214	16.5	2700	4500	5240
50	32571	9.5	54286	15.9	56429	16.5	2700	4500	5240
51	32657	9.6	54429	15.9	56643	16.6	2700	4500	5240
52	32743	9.6	54571	16.0	56857	16.7	2700	4500	5240
53	32829	9.6	54714	16.0	57071	16.7	2700	4500	5240
54	32914	9.6	54857	16.1	57286	16.8	2700	4500	5240
55	33000	9.7	55000	16.1	57500	16.8	2670	4450	5200
56	33086	9.7	55143	16.2	57714	16.9	2670	4450	5200
57	33171	9.7	55286	16.2	57929	17.0	2670	4450	5200
58	33257	9.7	55429	16.2	58143	17.0	2670	4450	5200
59	33343	9.8	55571	16.3	58357	17.1	2670	4450	5200
60	33429	9.8	55714	16.3	58571	17.2	2670	4450	5200
61	33514	9.8	55857	16.4	58786	17.2	2670	4450	5200
62	33600	9.8	56000	16.4	59000	17.3	2670	4450	5200

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	Cooling Capacity						Input(W)		
	Min		Rating		Max		Min	Rated	Max
	Btu/h	kW	Btu/h	kW	Btu/h	kW			
23	13800	4.0	23000	6.7	25300	7.4	1011	1684	1937
24	14400	4.2	24000	7.0	26400	7.7	1053	1755	2019
25	15000	4.4	25000	7.3	27500	8.1	1096	1826	2100
26	15600	4.6	26000	7.6	28600	8.4	1161	1935	2225
27	16200	4.7	27000	7.9	29700	8.7	1227	2044	2351
28	16800	4.9	28000	8.2	30800	9.0	1292	2153	2476
29	17400	5.1	29000	8.5	31900	9.3	1357	2262	2602
30	18000	5.3	30000	8.8	33000	9.7	1423	2372	2727
31	18600	5.5	31000	9.1	34100	10.0	1488	2481	2853
32	19200	5.6	32000	9.4	35200	10.3	1554	2590	2978
33	19800	5.8	33000	9.7	36300	10.6	1619	2699	3104
34	20400	6.0	34000	10.0	37400	11.0	1685	2808	3229
35	21000	6.2	35000	10.3	38500	11.3	1750	2917	3355
36	21600	6.3	36000	10.5	39600	11.6	1816	3026	3480
37	22200	6.5	37000	10.8	40700	11.9	1859	3099	3564
38	22800	6.7	38000	11.1	41800	12.2	1903	3172	3648
39	23400	6.9	39000	11.4	42900	12.6	1947	3245	3732
40	24000	7.0	40000	11.7	44000	12.9	1991	3318	3816
41	24600	7.2	41000	12.0	45100	13.2	2035	3391	3900
42	25200	7.4	42000	12.3	46000	13.5	2083	3472	3993
43	25800	7.6	43000	12.6	47300	13.9	2132	3553	4086
44	26400	7.7	44000	12.9	48400	14.2	2180	3634	4179
45	27000	7.9	45000	13.2	49500	14.5	2229	3714	4271
46	27600	8.1	46000	13.5	50600	14.8	2277	3795	4364
47	28200	8.3	47000	13.8	51700	15.2	2325	3876	4457
48	28800	8.4	48000	14.1	52800	15.5	2374	3957	4550
49	29300	8.6	48833	14.3	53650	15.7	2422	4037	4643
50	29800	8.7	49667	14.6	54500	16.0	2471	4118	4736
51	30300	8.9	50500	14.8	55350	16.2	2519	4199	4829
52	30800	9.0	51333	15.0	56200	16.5	2568	4280	4921
53	31300	9.2	52167	15.3	57050	16.7	2616	4360	5014
54	31800	9.3	53000	15.5	57900	17.0	2713	4522	5200
55	31950	9.4	53250	15.6	58231	17.1	2817	4696	5400
56	32100	9.4	53500	15.7	58563	17.2	2896	4826	5550
57	32250	9.5	53750	15.8	58894	17.3	2896	4826	5650
58	32400	9.5	54000	15.8	59225	17.4	2896	4826	5650
59	32550	9.5	54250	15.9	59556	17.5	2946	4910	5650
60	32700	9.6	54500	16.0	59888	17.5	2946	4910	5650
61	32850	9.6	54750	16.0	60219	17.6	2946	4910	5650
62	33000	9.7	55000	16.1	60550	17.7	2946	4910	5650
63	33150	9.7	55250	16.2	60881	17.8	2946	4910	5650
64	33300	9.8	55500	16.3	61213	17.9	2946	4910	5650
65	33450	9.8	55750	16.3	61544	18.0	2946	4910	5650
66	33600	9.8	56000	16.4	61875	18.1	2946	4910	5650
67	33750	9.9	56250	16.5	62206	18.2	2946	4910	5650
68	33900	9.9	56500	16.6	62538	18.3	2946	4910	5650
69	34050	10.0	56750	16.6	62869	18.4	2946	4910	5650
70	34200	10.0	57000	16.7	63200	18.5	2946	4910	5650
71	34200	10.0	57000	16.7	63200	18.5	2946	4910	5650
72	34200	10.0	57000	16.7	63200	18.5	2946	4910	5650
73	34200	10.0	57000	16.7	63200	18.5	2946	4910	5650

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	Heating Capacity						Input(W)		
	Min		Rating		Max		Min	Rated	Max
	Btu/h	kW	Btu/h	kW	Btu/h	kW			
23	15180	4.4	25300	7.4	27577	8.1	1497	2495	2869
24	15840	4.6	26400	7.7	28776	8.4	1546	2576	2963
25	16500	4.8	27500	8.1	29975	8.8	1643	2739	3150
26	17160	5.0	28600	8.4	31174	9.1	1696	2826	3250
27	17820	5.2	29700	8.7	32373	9.5	1743	2906	3342
28	18480	5.4	30800	9.0	33572	9.8	1791	2986	3433
29	19140	5.6	31900	9.3	34771	10.2	1839	3065	3525
30	19800	5.8	33000	9.7	35970	10.5	1887	3145	3617
31	20460	6.0	34100	10.0	37169	10.9	1935	3225	3708
32	21120	6.2	35200	10.3	38368	11.2	1983	3304	3800
33	21780	6.4	36300	10.6	39567	11.6	2030	3384	3892
34	22440	6.6	37400	11.0	40766	11.9	2078	3464	3983
35	23100	6.8	38500	11.3	41965	12.3	2126	3543	4075
36	23760	7.0	39600	11.6	43164	12.6	2217	3696	4250
37	24420	7.2	40700	11.9	44363	13.0	2264	3774	4340
38	25080	7.3	41800	12.2	45562	13.4	2311	3852	4430
39	25740	7.5	42900	12.6	46761	13.7	2358	3930	4520
40	26400	7.7	44000	12.9	47960	14.1	2405	4009	4610
41	27060	7.9	45100	13.2	49159	14.4	2452	4087	4700
42	27600	8.1	46000	13.5	50000	14.7	2487	4146	4768
43	28400	8.3	47333	13.9	51000	14.9	2523	4205	4835
44	29200	8.6	48667	14.3	52000	15.2	2558	4264	4903
45	30000	8.8	50000	14.7	53000	15.5	2593	4322	4971
46	30800	9.0	51333	15.0	54000	15.8	2629	4381	5038
47	31600	9.3	52667	15.4	55000	16.1	2664	4440	5106
48	32400	9.5	54000	15.8	56000	16.4	2699	4499	5174
49	32700	9.6	54500	16.0	56833	16.7	2735	4558	5242
50	33000	9.7	55000	16.1	57667	16.9	2770	4617	5309
51	33300	9.8	55500	16.3	58500	17.1	2805	4676	5377
52	33600	9.8	56000	16.4	59333	17.4	2841	4734	5445
53	33900	9.9	56500	16.6	60167	17.6	2876	4793	5512
54	34200	10.0	57000	16.7	61000	17.9	2911	4852	5580
55	34326	10.1	57211	16.8	61158	17.9	2911	4852	5600
56	34453	10.1	57421	16.8	61316	18.0	2911	4852	5340
57	34579	10.1	57632	16.9	61474	18.0	2911	4852	5340
58	34705	10.2	57842	17.0	61632	18.1	2736	4560	5371
59	34832	10.2	58053	17.0	61789	18.1	2736	4560	5402
60	34958	10.2	58263	17.1	61947	18.2	2736	4560	5433
61	35084	10.3	58474	17.1	62105	18.2	2736	4560	5464
62	35211	10.3	58684	17.2	62263	18.2	2730	4550	5650
63	35337	10.4	58895	17.3	62421	18.3	2730	4550	5650
64	35463	10.4	59105	17.3	62579	18.3	2730	4550	5650
65	35589	10.4	59316	17.4	62737	18.4	2730	4550	5650
66	35716	10.5	59526	17.4	62895	18.4	2730	4550	5650
67	35842	10.5	59737	17.5	63053	18.5	2730	4550	5650
68	35968	10.5	59947	17.6	63211	18.5	2730	4550	5650
69	36095	10.6	60158	17.6	63368	18.6	2730	4550	5650
70	36600	10.7	61000	17.9	64000	18.8	2730	4550	5650
71	36600	10.7	61000	17.9	64000	18.8	2730	4550	5710
72	36600	10.7	61000	17.9	64000	18.8	2730	4550	5710
73	36600	10.7	61000	17.9	64000	18.8	2730	4550	5710

Note :

- Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
- Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
- The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
- Total capacity index of indoor unit should be within 23~73k Btu/h(40%~130%)
- At least two indoor units should be connected.





Features _ icon



- Weekly Program



- Turbo Fan



- High Head Drain Pump



- Low Standby Power



- Auto Restart



- Central Controller(Accessory)



- Group Control



- Child Lock Function



- Two Thermistor Control



- Auto Changeover



- Long & High Elevation Piping



- Hot Start



- Zone Control (Optional)



- Wireless Remote Controller



- Jet Cool



- Auto Operation



- 7-Hour OFF Setting Timer



- 24-Hour ON/OFF Setting Timer



- Duct Operation

Features _ icon



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